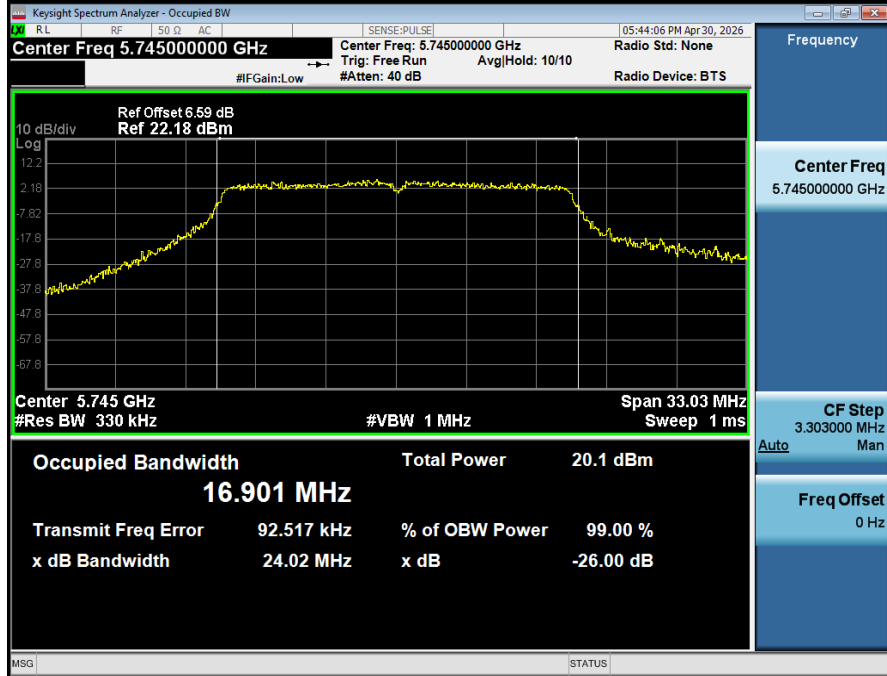


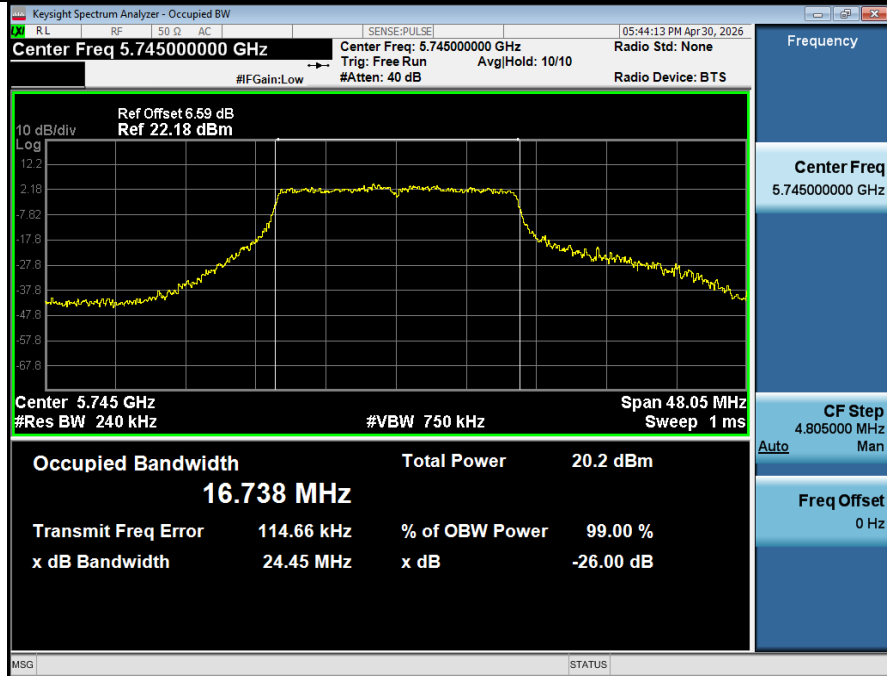
Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	24.45	16.90
NVNT	ANT1	802.11a	5785.00	20.67	16.78
NVNT	ANT1	802.11a	5825.00	24.92	16.89
NVNT	ANT1	802.11n(HT20)	5745.00	25.02	18.10
NVNT	ANT1	802.11n(HT20)	5785.00	21.79	17.98
NVNT	ANT1	802.11n(HT20)	5825.00	26.78	18.16
NVNT	ANT1	802.11ac(VHT20)	5745.00	26.18	18.11
NVNT	ANT1	802.11ac(VHT20)	5785.00	21.74	18.01
NVNT	ANT1	802.11ac(VHT20)	5825.00	28.44	18.11
NVNT	ANT1	802.11n(HT40)	5755.00	49.65	36.45
NVNT	ANT1	802.11n(HT40)	5795.00	40.50	36.26
NVNT	ANT1	802.11ac(VHT40)	5755.00	50.32	36.49
NVNT	ANT1	802.11ac(VHT40)	5795.00	40.54	36.20
NVNT	ANT1	802.11ac(VHT80)	5775.00	79.67	75.32



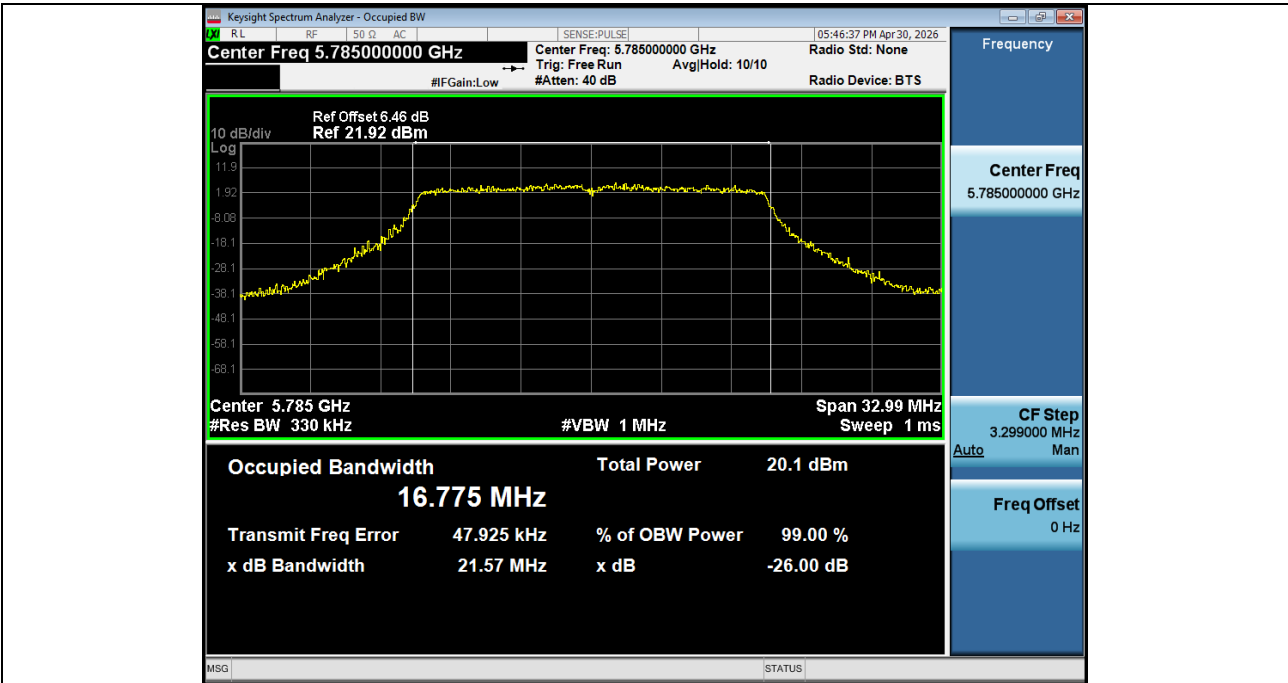
99% OCB NVNT ANT1 802_11a 5745



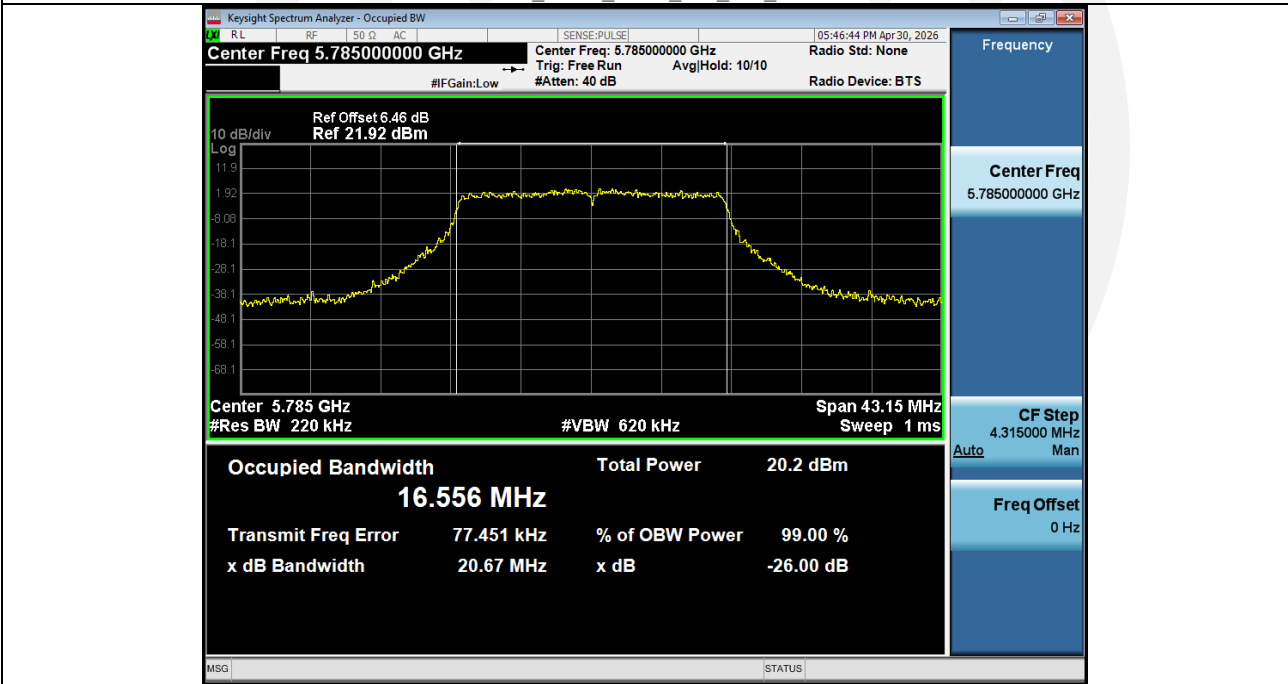
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99% OCB NVNT ANT1 802_11a 5785



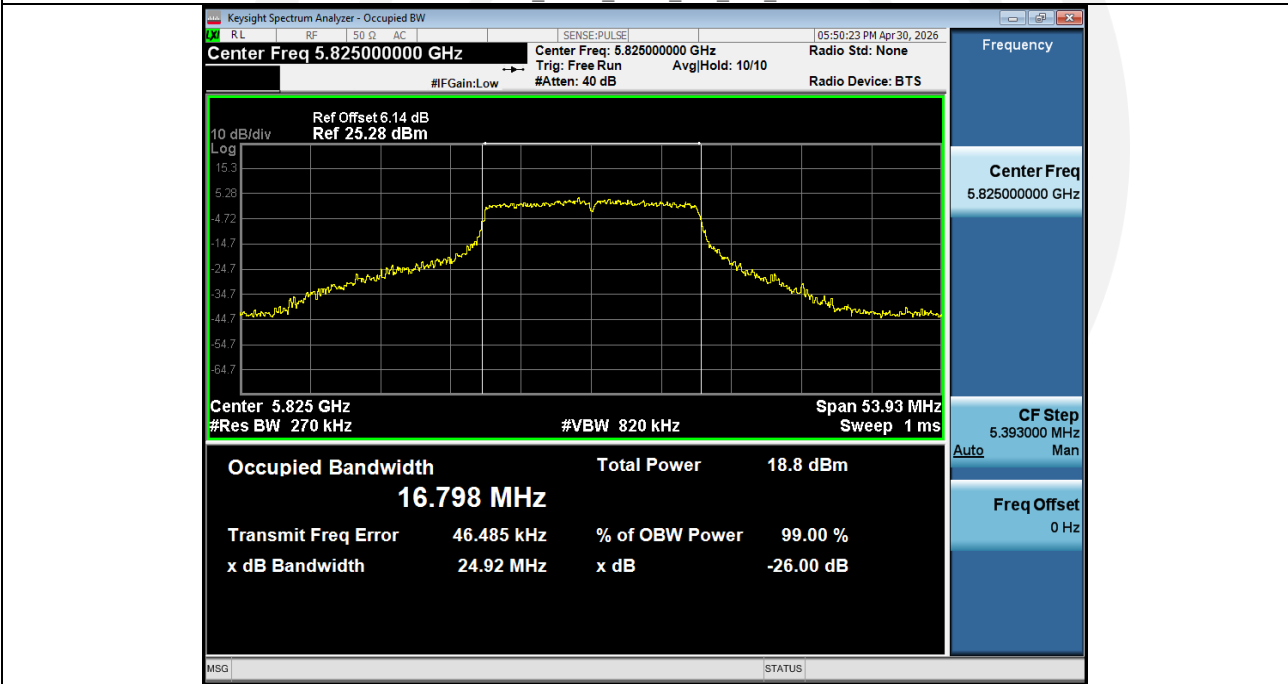
-26BW_NVNT_ANT1_802_11a_5785



99%_OCB_NVNT_ANT1_802_11a_5825



-26BW_NVNT_ANT1_802_11a_5825



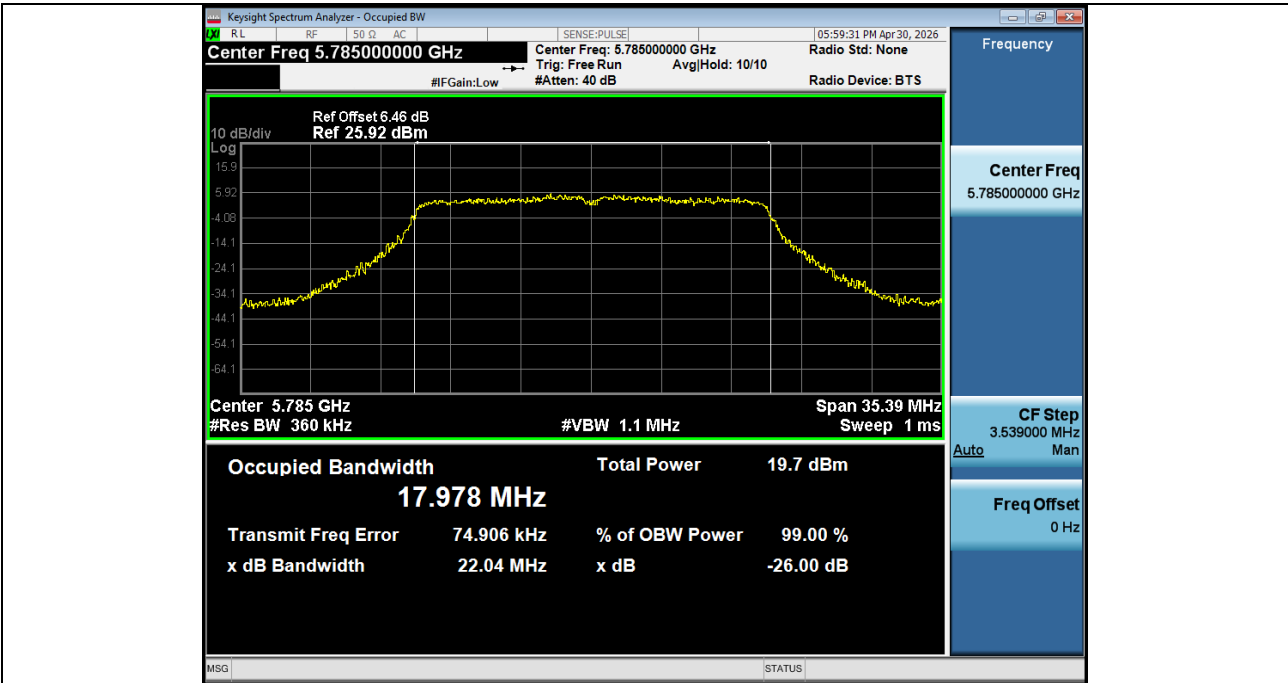
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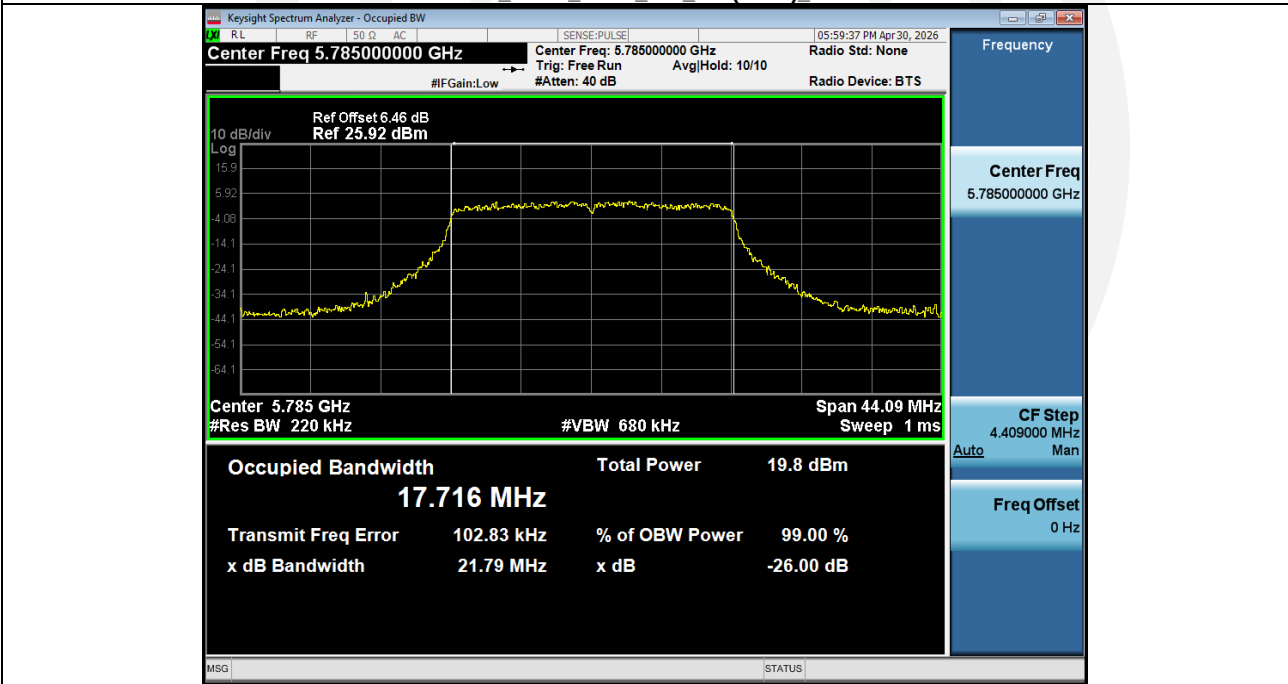
-26BW_NVNT_ANT1_802_11n(HT20)_5745



99%_OCB_NVNT_ANT1_802_11n(HT20)_5785



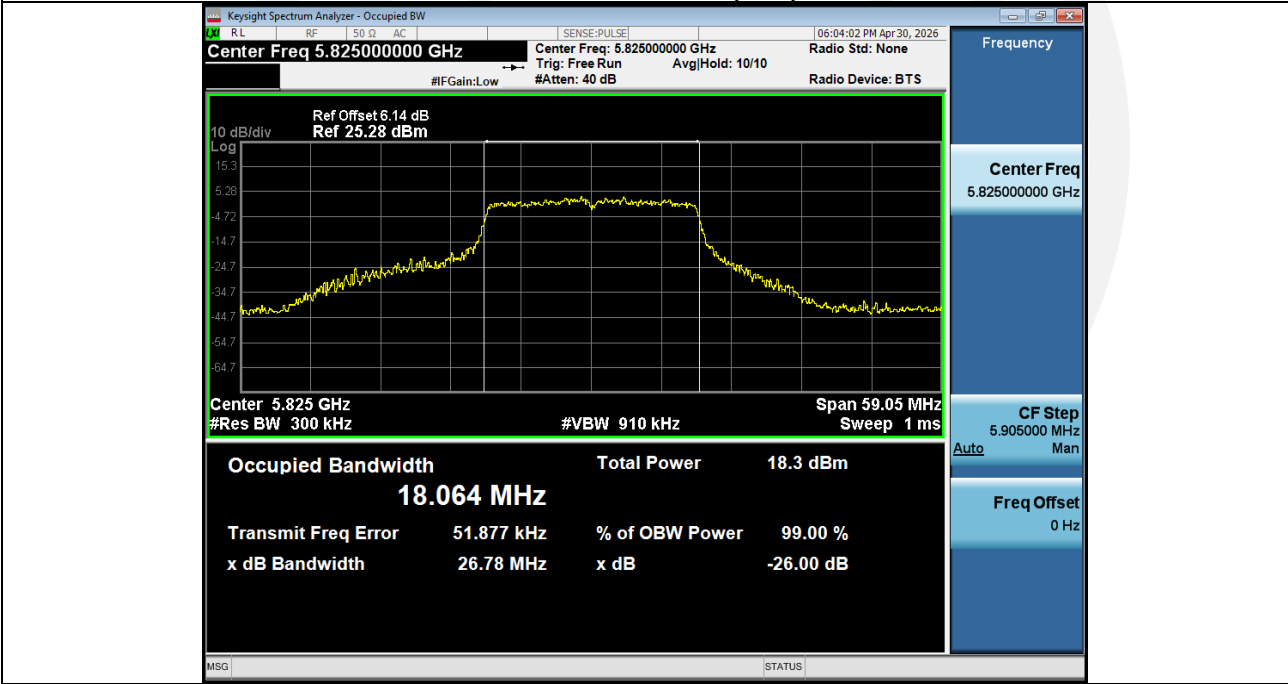
-26BW_NVNT_ANT1_802_11n(HT20)_5785



99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



-26BW_NVNT_ANT1_802_11n(HT20)_5825



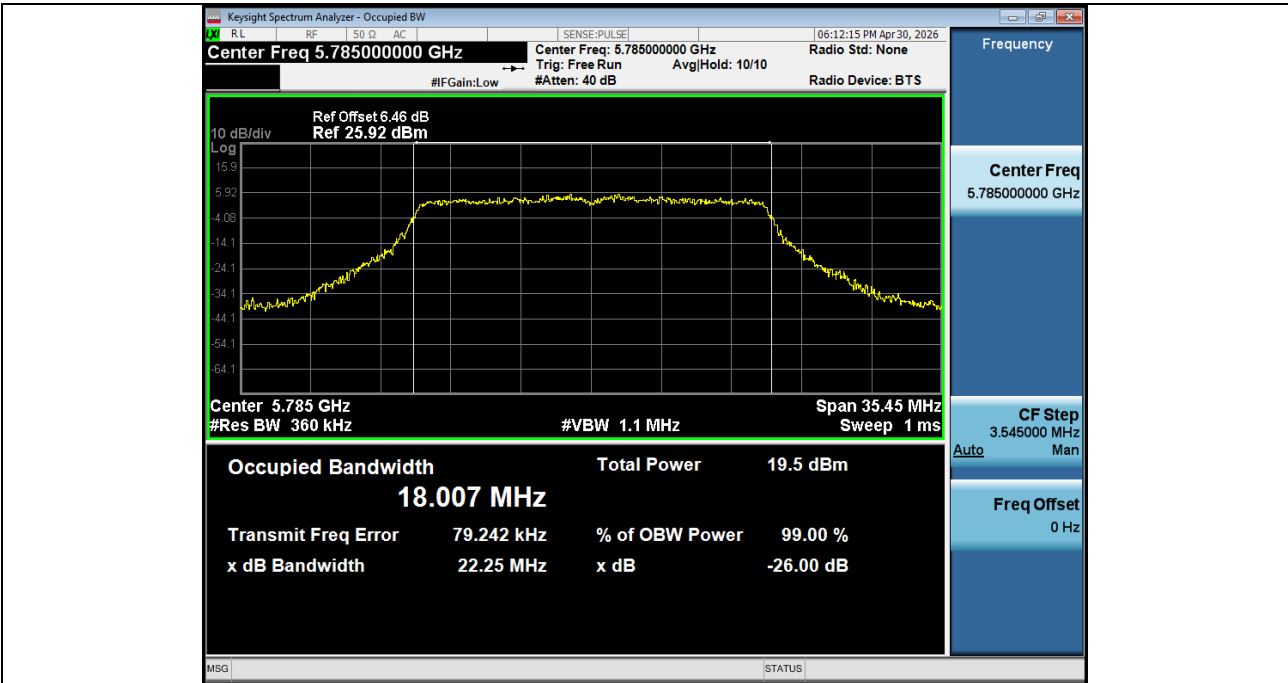
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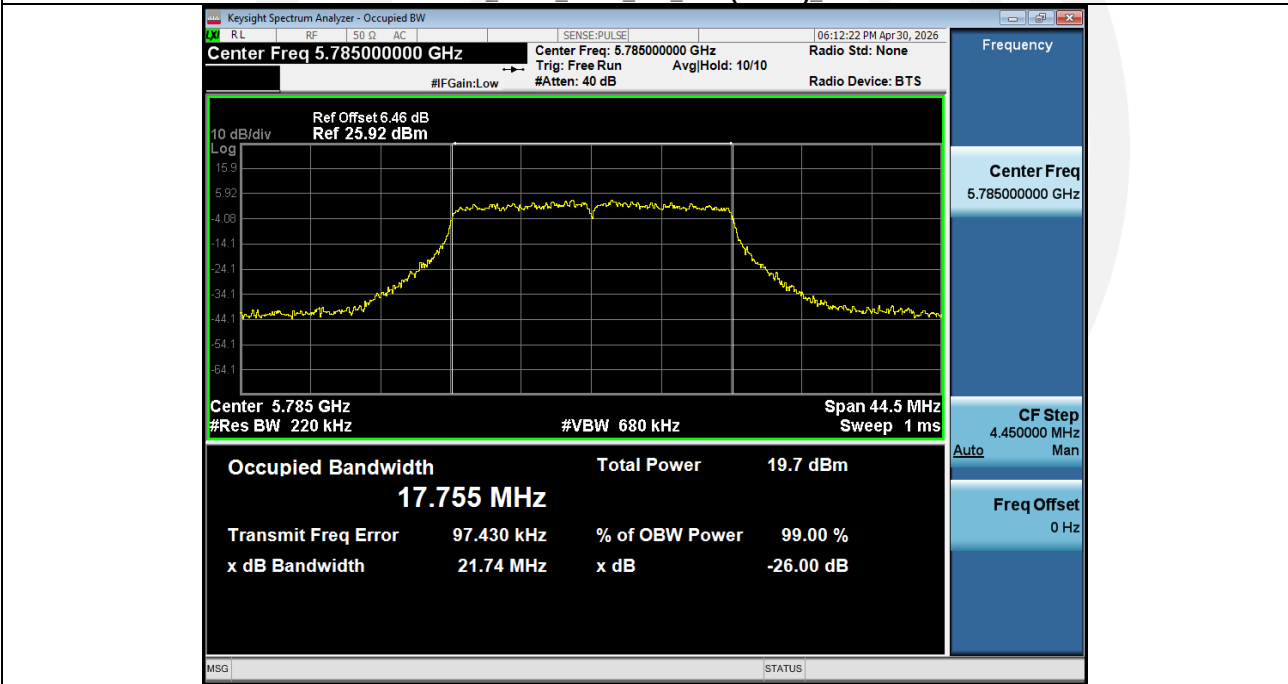
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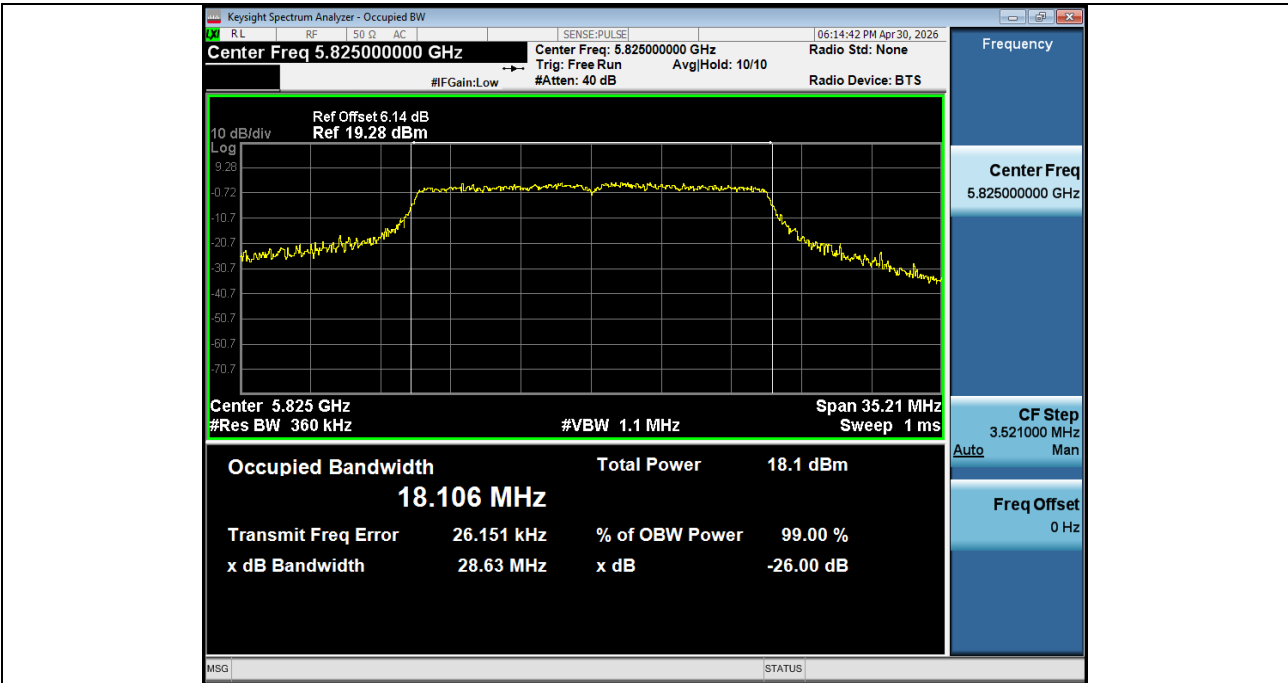
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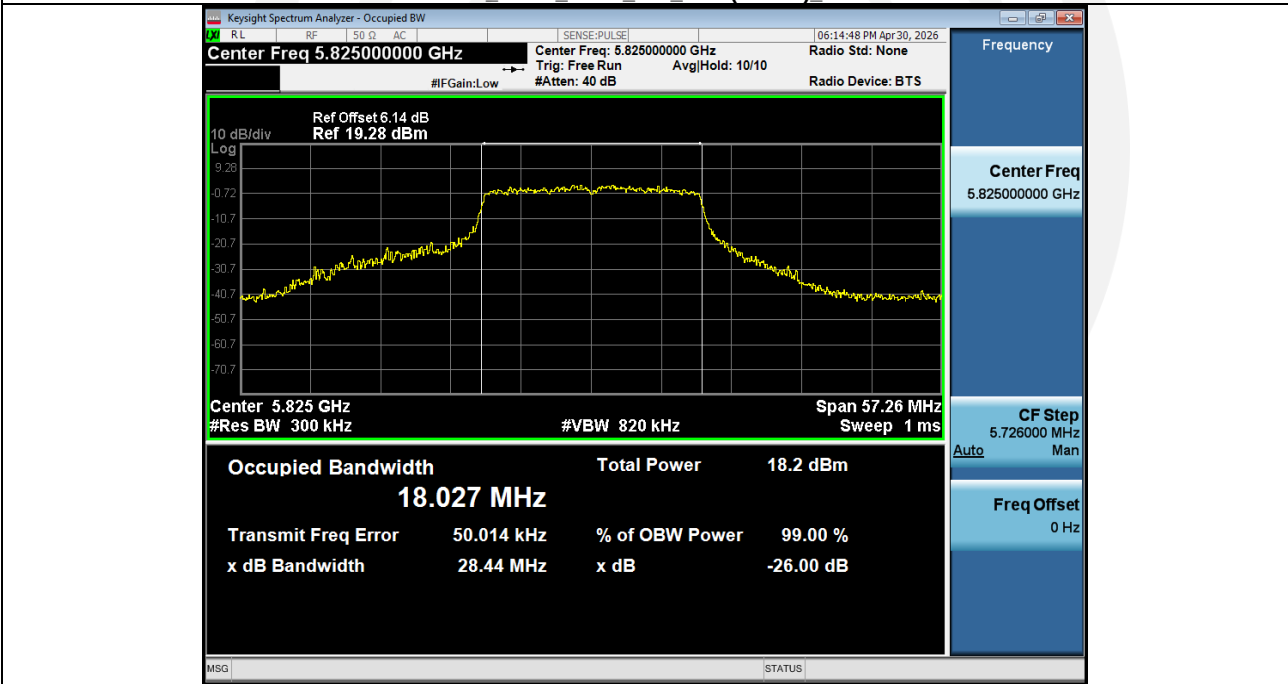
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99%_OCB_NVNT_ANT1_802_11ac(VHT20)_5825



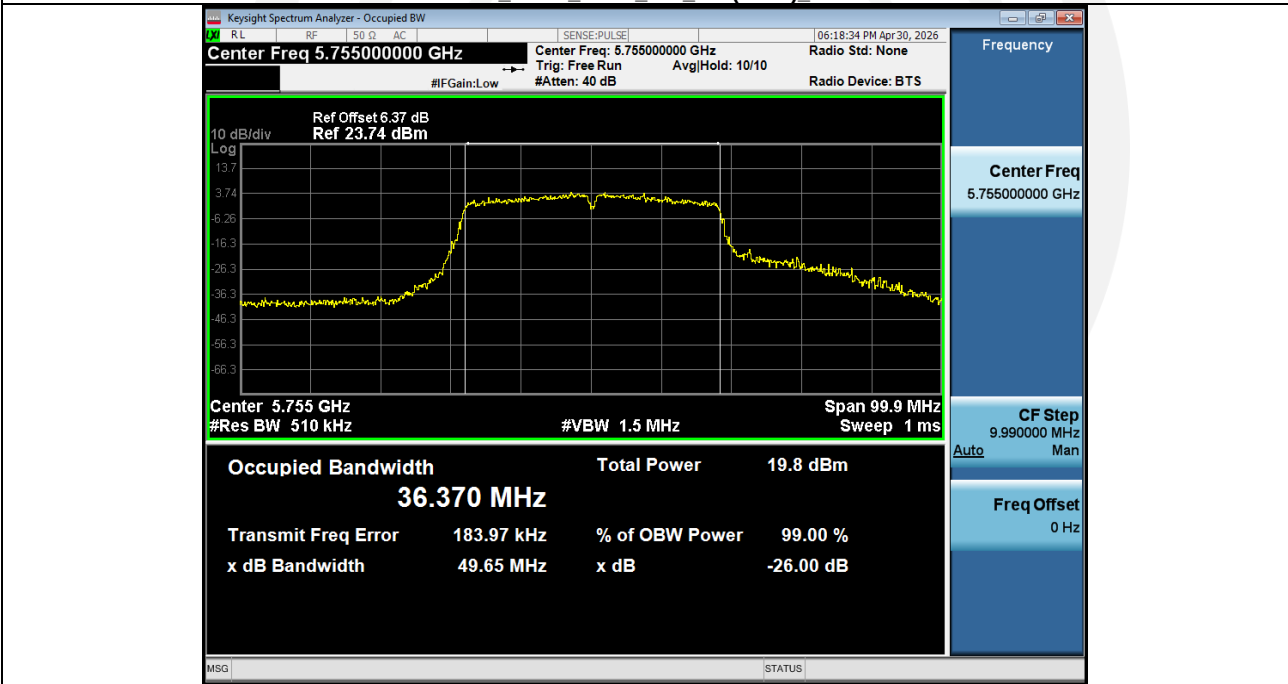
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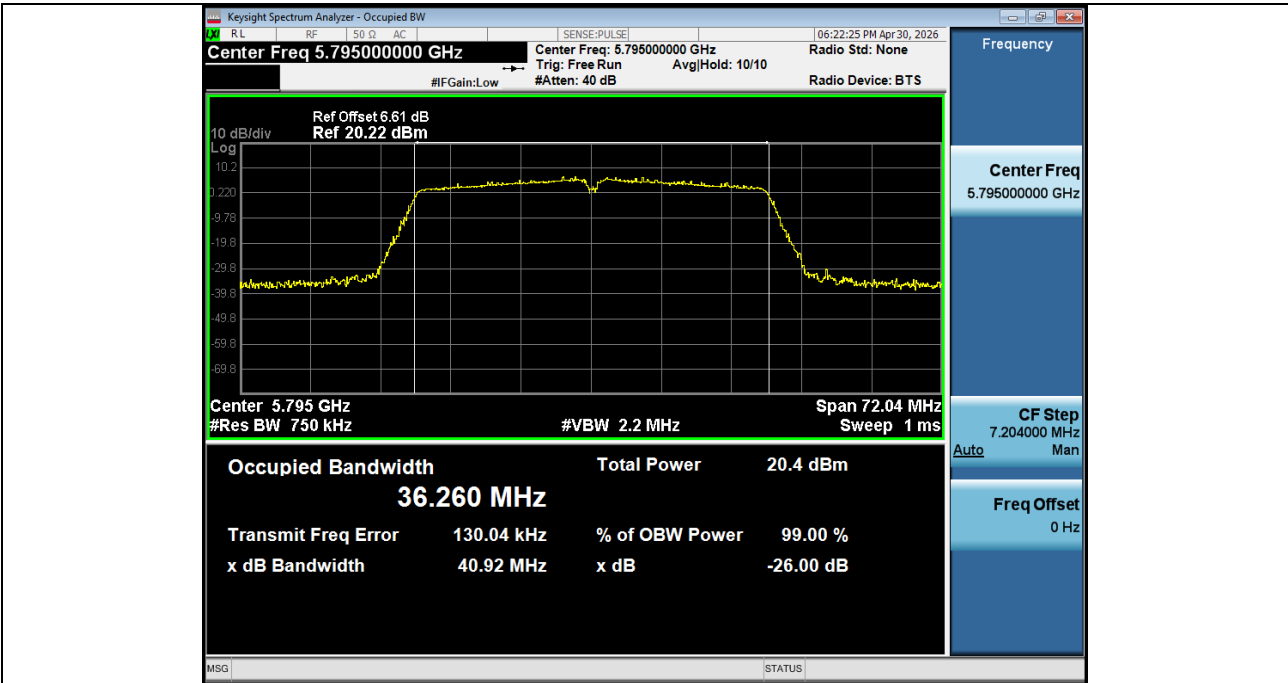
99%_OCB_NVNT_ANT1_802_11n(HT40)_5755



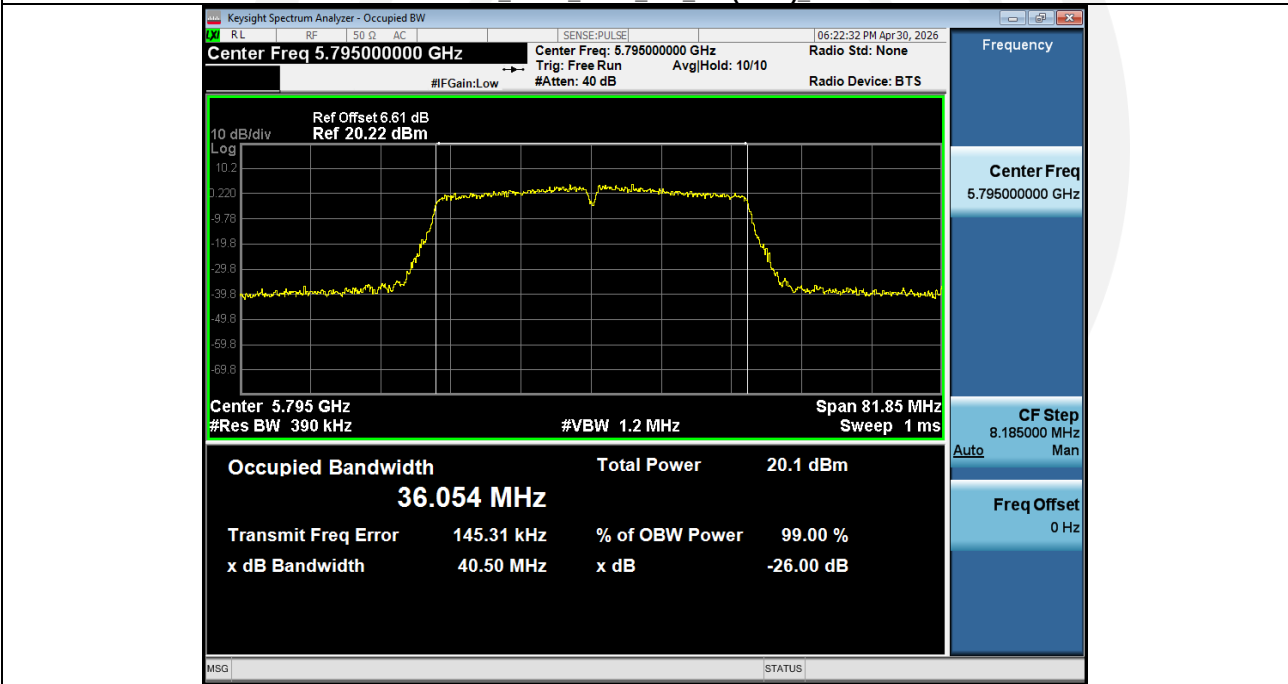
-26BW_NVNT_ANT1_802_11n(HT40)_5755



99%_OCB_NVNT_ANT1_802_11n(HT40)_5795



-26BW_NVNT_ANT1_802_11n(HT40)_5795



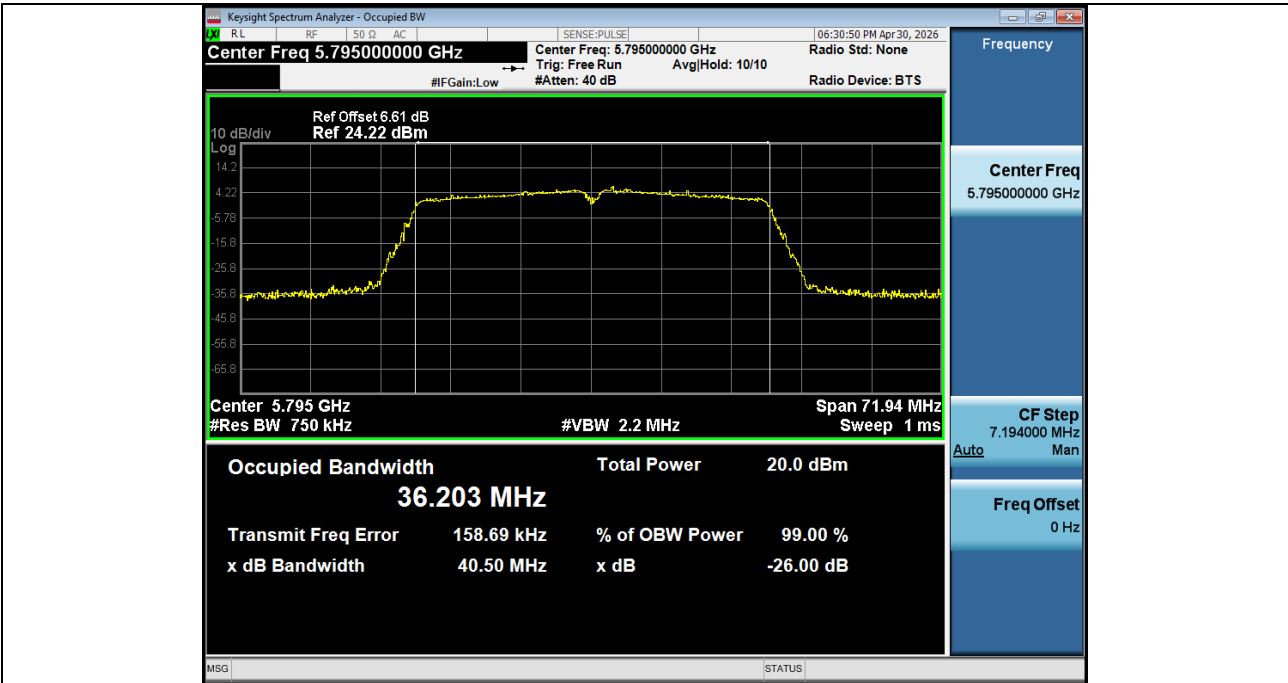
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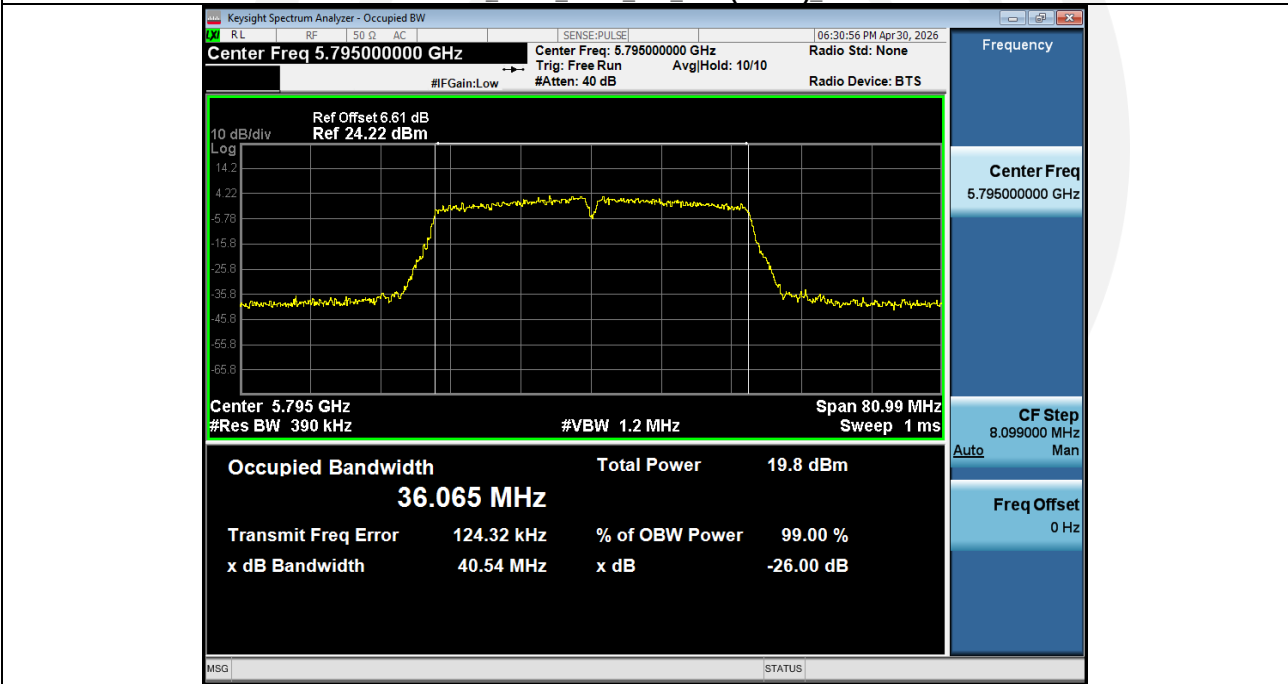
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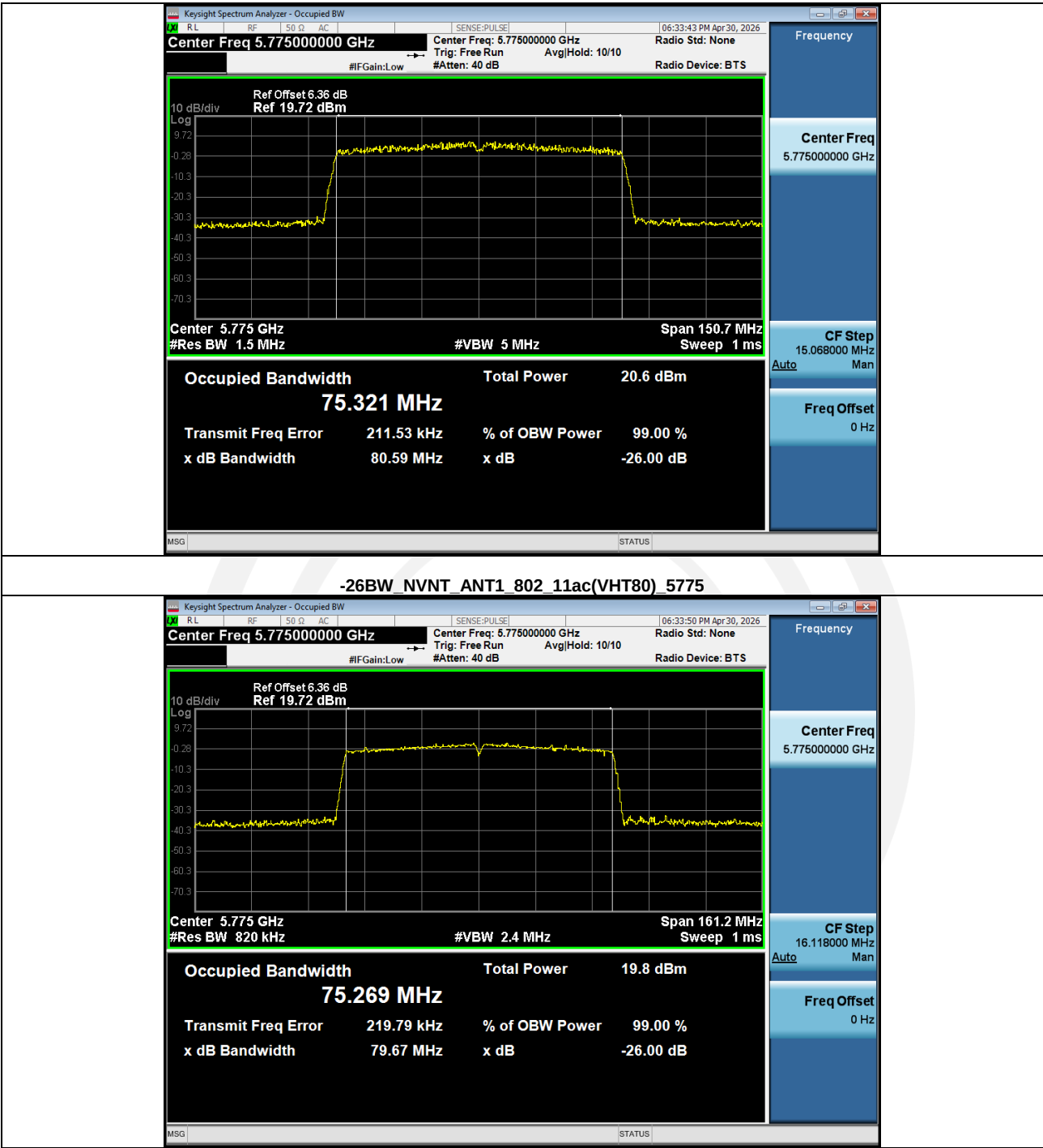
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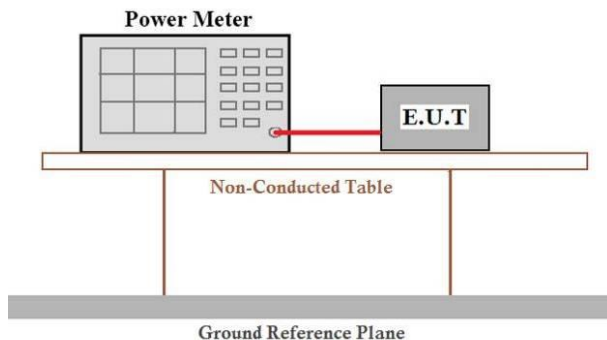
-26BW_NVNT_ANT1_802_11ac(VHT40)_5795



99%_OCB_NVNT_ANT1_802_11ac(VHT80)_5775



4.4 Maximum Conducted Output Power

Test Requirement:	FCC Part15 E Section 15.407, RSS-247 §6.2
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	For the band 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 250mW. For the band 5.725-5.85GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 1W. IC: For the 5.15–5.25 GHz band, For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. For the 5.25–5.35 GHz band, Other than devices installed in vehicles, the maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. For the 5.47–5.6 GHz and 5.65–5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance. If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
Test setup:	 The diagram illustrates the test setup. A Power Meter is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.
Test procedure:	Measurement using an RF average power meter (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the

	conditions listed below are satisfied a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five. (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B). (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter. (iv) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle (e.g., $10 \log(1/0.25)$ if the duty cycle is 25 percent).
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Measurement Data**Band 1 (5150-5250 MHz) SISO :**

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	13.50	0.00	13.50	24	Pass
NVNT	ANT1	802.11a	5200.00	14.88	0.18	15.06	24	Pass
NVNT	ANT1	802.11a	5240.00	15.44	0.18	15.62	24	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	13.22	0.00	13.22	24	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	13.08	0.20	13.28	24	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	13.47	0.20	13.67	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	13.34	0.51	13.85	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	12.93	0.51	13.44	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	13.35	0.51	13.86	24	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	13.30	0.39	13.69	24	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	13.77	0.39	14.16	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	12.90	0.90	13.80	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	13.30	0.62	13.92	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	11.91	1.38	13.29	24	Pass

Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
ANT1	802.11a	5180.00	95.89	0.18
ANT1	802.11a	5200.00	95.89	0.18
ANT1	802.11a	5240.00	95.83	0.18
ANT1	802.11n(HT20)	5180.00	95.59	0.20
ANT1	802.11n(HT20)	5200.00	95.59	0.20
ANT1	802.11n(HT20)	5240.00	95.59	0.20
ANT1	802.11ac(VHT20)	5180.00	88.89	0.51
ANT1	802.11ac(VHT20)	5200.00	88.89	0.51
ANT1	802.11ac(VHT20)	5240.00	88.89	0.51
ANT1	802.11n(HT40)	5190.00	91.43	0.39
ANT1	802.11n(HT40)	5230.00	91.43	0.39
ANT1	802.11ac(VHT40)	5190.00	81.25	0.90
ANT1	802.11ac(VHT40)	5230.00	86.67	0.62
ANT1	802.11ac(VHT80)	5210.00	72.73	1.38

Band 2 (5260-5320 MHz) SISO:

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5260.00	14.96	0.18	15.14	24	Pass
NVNT	ANT1	802.11a	5300.00	14.52	0.18	14.70	24	Pass
NVNT	ANT1	802.11a	5320.00	14.03	0.12	14.15	24	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	13.07	0.20	13.27	24	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	12.70	0.19	12.89	24	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	12.48	0.19	12.67	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	12.94	0.51	13.45	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	12.42	0.51	12.93	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	12.37	0.51	12.88	24	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	13.24	0.00	13.24	24	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	12.60	0.38	12.98	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	13.38	0.62	14.00	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	12.76	0.90	13.66	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	12.67	0.00	12.67	24	Pass

Antenna	Modulation	Frequency(MHz)	Duty cycle(%)	Duty_factor
ANT1	802.11a	5260.00	95.89	0.18
ANT1	802.11a	5300.00	95.89	0.18
ANT1	802.11a	5320.00	97.22	0.12
ANT1	802.11n(HT20)	5260.00	95.59	0.20
ANT1	802.11n(HT20)	5300.00	95.65	0.19
ANT1	802.11n(HT20)	5320.00	95.65	0.19
ANT1	802.11ac(VHT20)	5260.00	88.89	0.51
ANT1	802.11ac(VHT20)	5300.00	88.89	0.51
ANT1	802.11ac(VHT20)	5320.00	88.89	0.51
ANT1	802.11n(HT40)	5270.00	91.43	0.39
ANT1	802.11n(HT40)	5310.00	91.67	0.38
ANT1	802.11ac(VHT40)	5270.00	86.67	0.62
ANT1	802.11ac(VHT40)	5310.00	81.25	0.90
ANT1	802.11ac(VHT80)	5290.00	70.00	1.55

Band 3 (5500-5570 MHz) SISO:

Condition	Antenna	Modulation	Frequency(MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5500.00	14.43	0.18	14.61	24	Pass
NVNT	ANT1	802.11a	5600.00	15.16	0.18	15.34	24	Pass
NVNT	ANT1	802.11a	5700.00	14.38	0.18	14.56	24	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	13.12	0.19	13.31	24	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	13.85	0.13	13.98	24	Pass
NVNT	ANT1	802.11n(HT20)	5700.00	12.46	0.20	12.66	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	12.89	0.35	13.24	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	13.61	0.51	14.12	24	Pass
NVNT	ANT1	802.11ac(VHT20)	5700.00	12.07	0.51	12.58	24	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	13.12	0.39	13.51	24	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	13.35	0.26	13.61	24	Pass
NVNT	ANT1	802.11n(HT40)	5670.00	13.34	0.38	13.72	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	13.01	0.90	13.91	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	13.45	0.90	14.35	24	Pass
NVNT	ANT1	802.11ac(VHT40)	5670.00	12.57	0.62	13.19	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	11.59	1.55	13.14	24	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	12.35	1.38	13.73	24	Pass

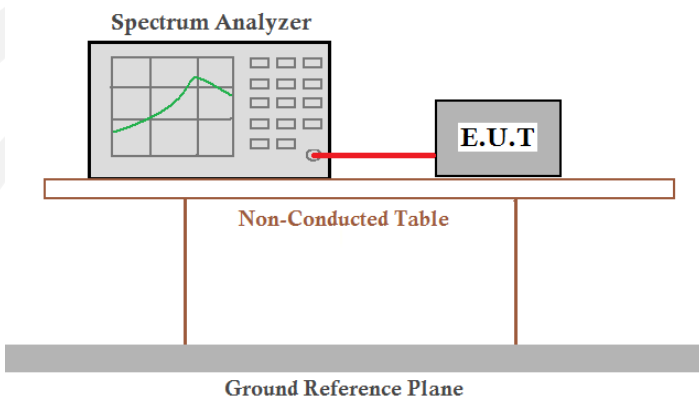
Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
ANT1	802.11a	5500.00	95.89	0.18
ANT1	802.11a	5600.00	95.83	0.18
ANT1	802.11a	5700.00	95.89	0.18
ANT1	802.11n(HT20)	5500.00	95.65	0.19
ANT1	802.11n(HT20)	5600.00	97.06	0.13
ANT1	802.11n(HT20)	5700.00	95.59	0.20
ANT1	802.11ac(VHT20)	5500.00	92.31	0.35
ANT1	802.11ac(VHT20)	5600.00	88.89	0.51
ANT1	802.11ac(VHT20)	5700.00	88.89	0.51
ANT1	802.11n(HT40)	5510.00	91.43	0.39
ANT1	802.11n(HT40)	5590.00	94.29	0.26
ANT1	802.11n(HT40)	5670.00	91.67	0.38
ANT1	802.11ac(VHT40)	5510.00	81.25	0.90
ANT1	802.11ac(VHT40)	5590.00	81.25	0.90
ANT1	802.11ac(VHT40)	5670.00	86.67	0.62
ANT1	802.11ac(VHT80)	5530.00	70.00	1.55
ANT1	802.11ac(VHT80)	5610.00	72.73	1.38

Band 4 (5725 – 5850 MHz) SISO:

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	13.61	0.18	13.79	30	Pass
NVNT	ANT1	802.11a	5785.00	13.66	0.18	13.84	30	Pass
NVNT	ANT1	802.11a	5825.00	12.05	0.18	12.23	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	13.06	0.13	13.19	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	12.89	0.19	13.08	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	11.62	0.20	11.82	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	12.51	0.51	13.02	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	12.59	0.51	13.10	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	11.19	0.51	11.70	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	12.64	0.00	12.64	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	13.10	0.39	13.49	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	12.06	0.00	12.06	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	12.21	0.90	13.11	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	11.12	1.55	12.67	30	Pass

Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor
ANT1	802.11a	5745.00	95.89	0.18
ANT1	802.11a	5785.00	95.89	0.18
ANT1	802.11a	5825.00	95.89	0.18
ANT1	802.11n(HT20)	5745.00	97.06	0.13
ANT1	802.11n(HT20)	5785.00	95.65	0.19
ANT1	802.11n(HT20)	5825.00	95.59	0.20
ANT1	802.11ac(VHT20)	5745.00	88.89	0.51
ANT1	802.11ac(VHT20)	5785.00	88.89	0.51
ANT1	802.11ac(VHT20)	5825.00	88.89	0.51
ANT1	802.11n(HT40)	5755.00	91.43	0.39
ANT1	802.11n(HT40)	5795.00	91.43	0.39
ANT1	802.11ac(VHT40)	5755.00	81.25	0.90
ANT1	802.11ac(VHT40)	5795.00	81.25	0.90
ANT1	802.11ac(VHT80)	5775.00	70.00	1.55

4.5 Power Spectral Density

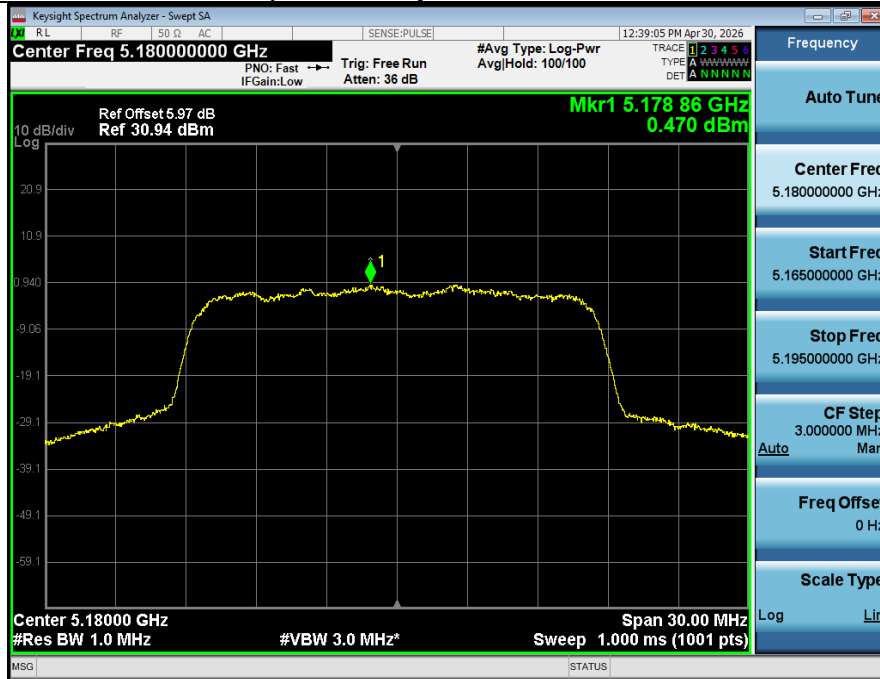
Test Requirement:	FCC Part15 E Section 15.407, RSS-247 §6.2
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	FCC: 1. $\leq 11.00 \text{ dBm/MHz}$ for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz 2. $\leq 30.00 \text{ dBm/500KHz}$ for 5725MHz-5850MHz IC: 1. For the 5.15-5.25 GHz, The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band. 2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by a Ground Reference Plane.
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power...". 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Measurement Data**Band 1 (5150-5250 MHz) SISO:**

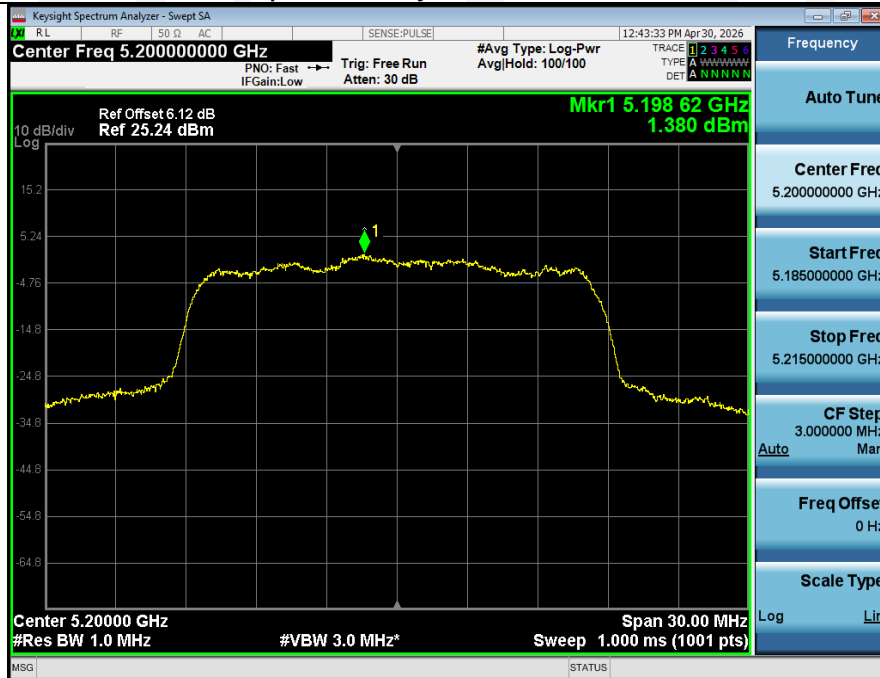
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5180.00	0.47	0.18	0.65	11	Pass
NVNT	ANT1	802.11a	5200.00	1.38	0.18	1.56	11	Pass
NVNT	ANT1	802.11a	5240.00	0.08	0.18	0.26	11	Pass
NVNT	ANT1	802.11n(HT20)	5180.00	-1.18	0.20	-0.98	11	Pass
NVNT	ANT1	802.11n(HT20)	5200.00	-1.34	0.20	-1.14	11	Pass
NVNT	ANT1	802.11n(HT20)	5240.00	-1.21	0.20	-1.01	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5180.00	-3.65	0.51	-3.13	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5200.00	-3.32	0.51	-2.81	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5240.00	-4.07	0.51	-3.56	11	Pass
NVNT	ANT1	802.11n(HT40)	5190.00	-4.56	0.39	-4.17	11	Pass
NVNT	ANT1	802.11n(HT40)	5230.00	-4.28	0.39	-3.89	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5190.00	-10.49	0.90	-9.59	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5230.00	-9.12	0.62	-8.50	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5210.00	-16.70	1.38	-15.32	11	Pass



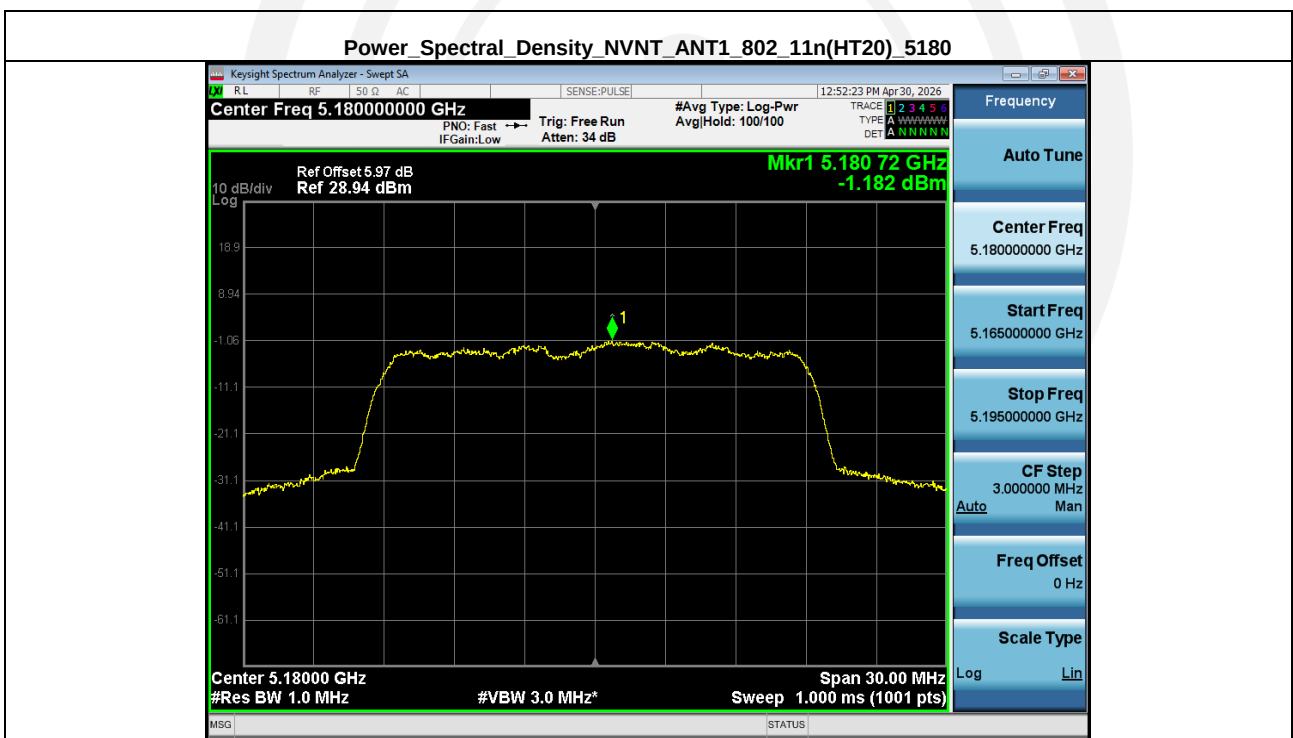
Power Spectral Density NVNT_ANT1_802_11a_5180



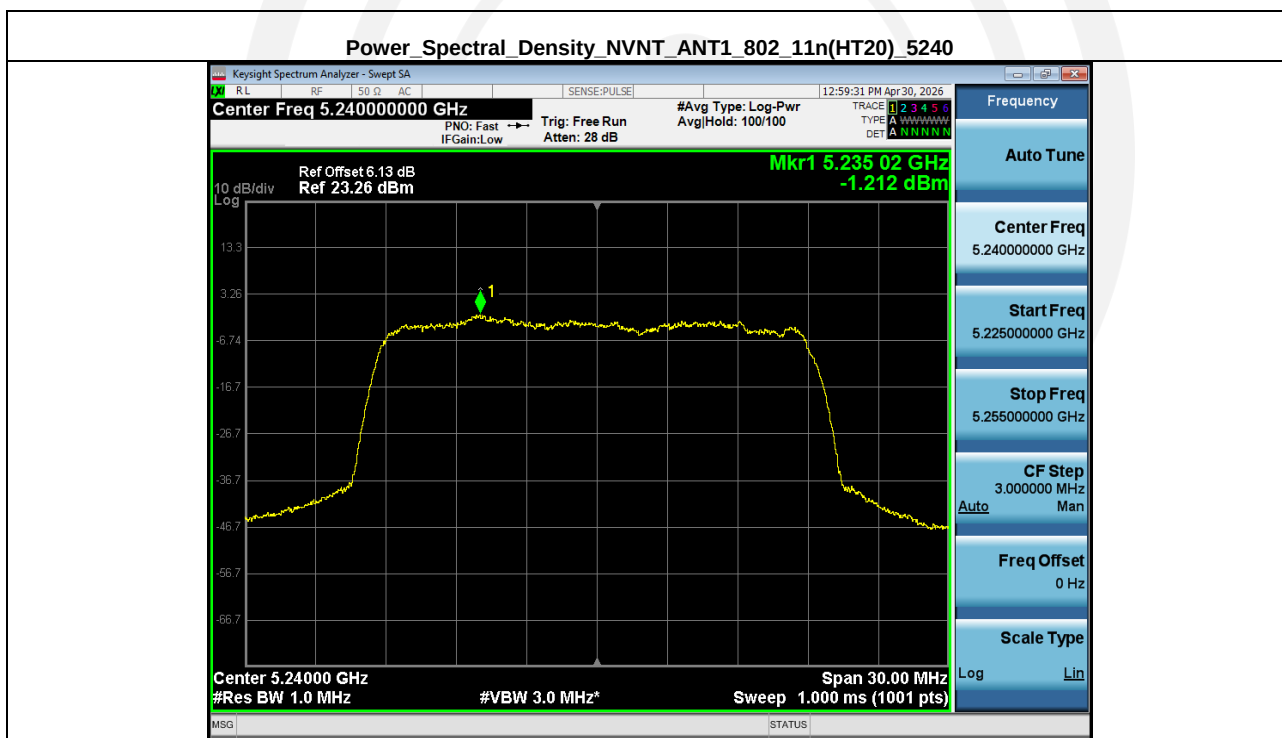
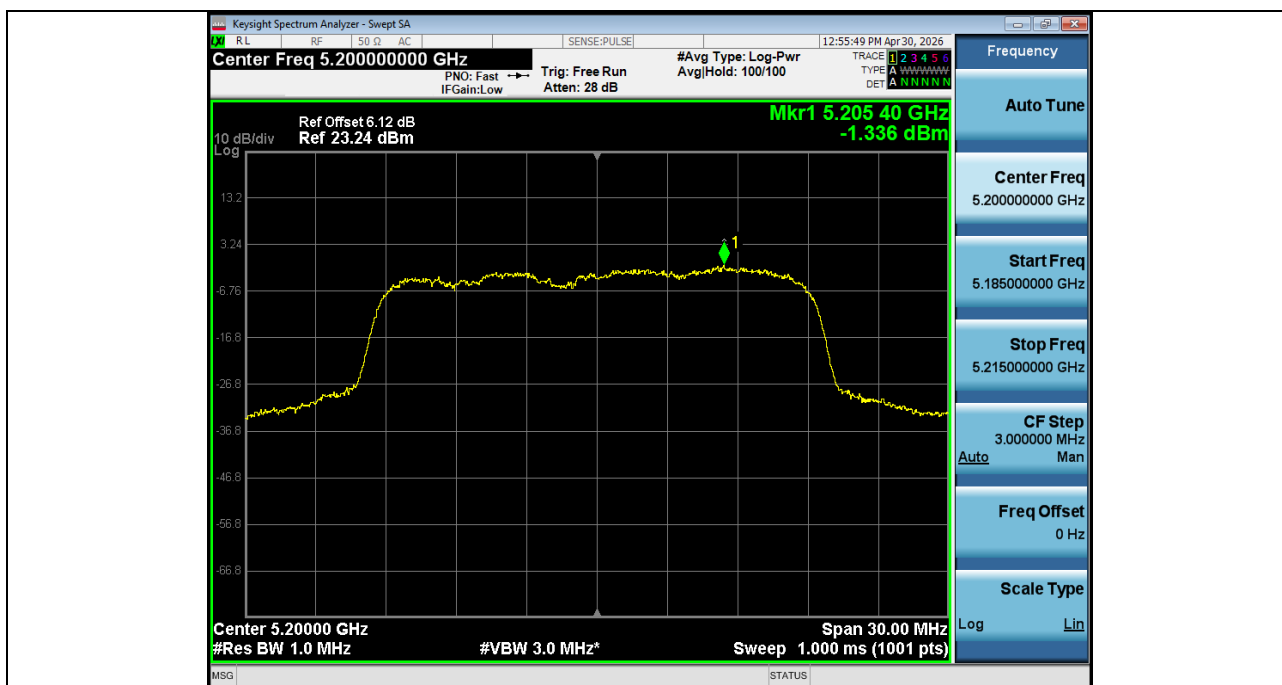
Power Spectral Density NVNT_ANT1_802_11a_5200



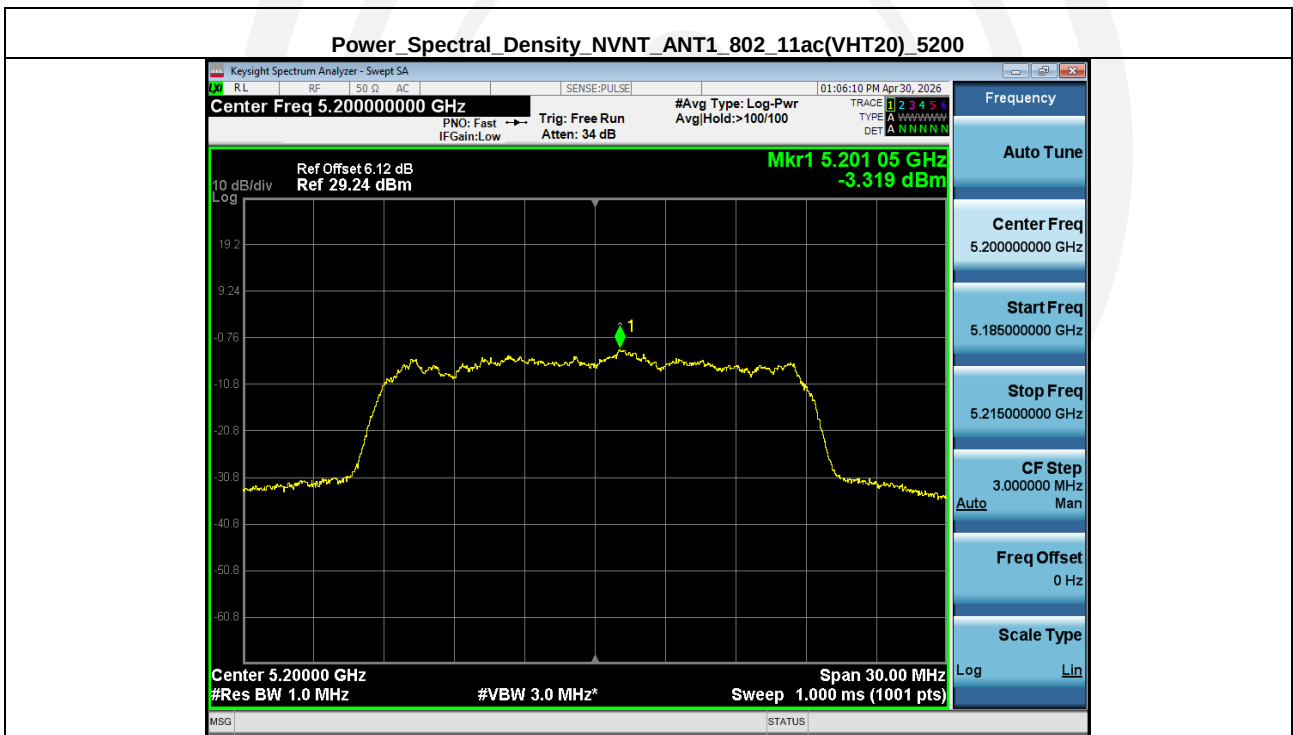
Power Spectral Density NVNT_ANT1_802_11a_5240



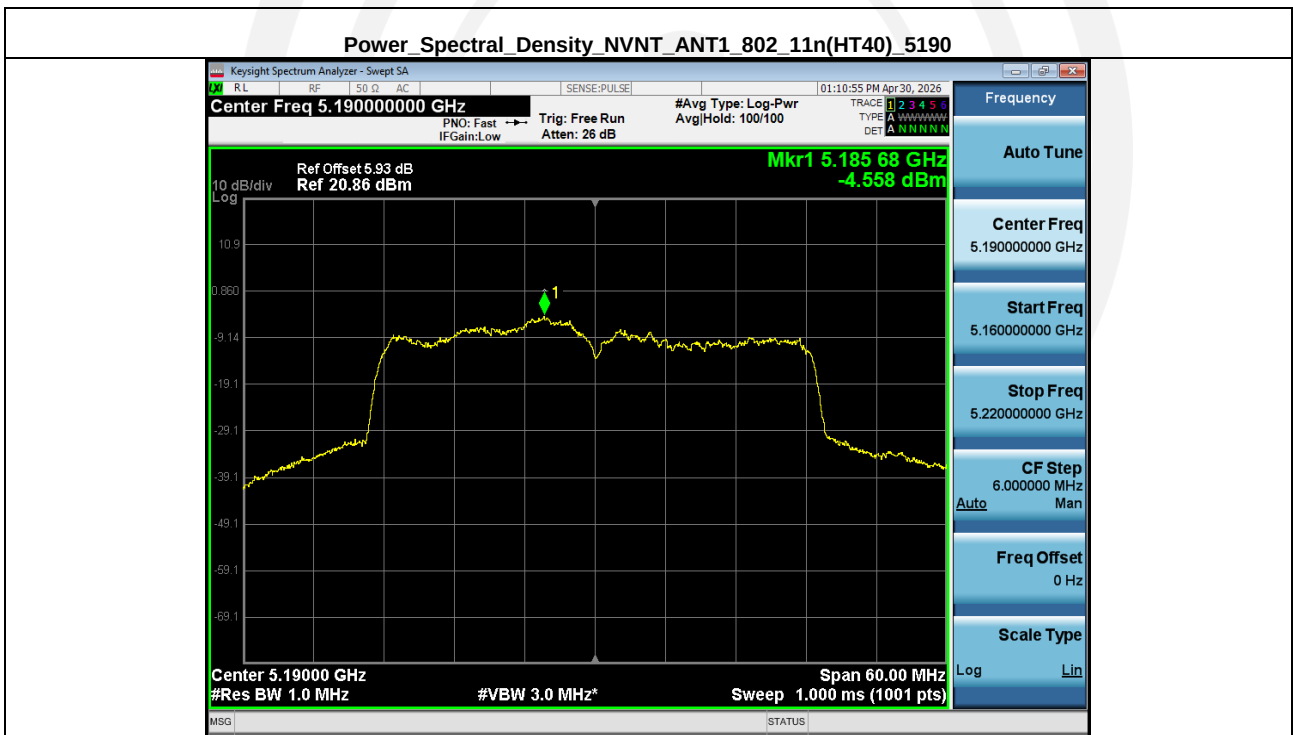
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5200



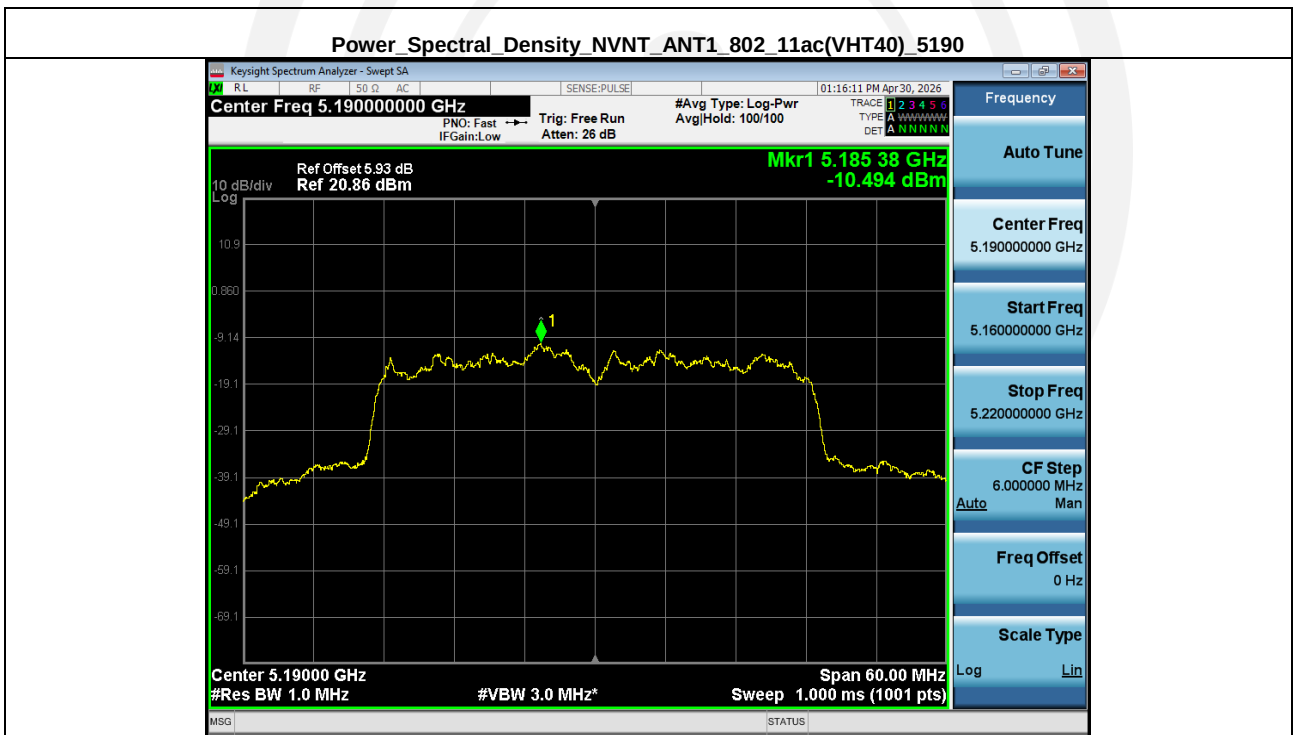
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5180



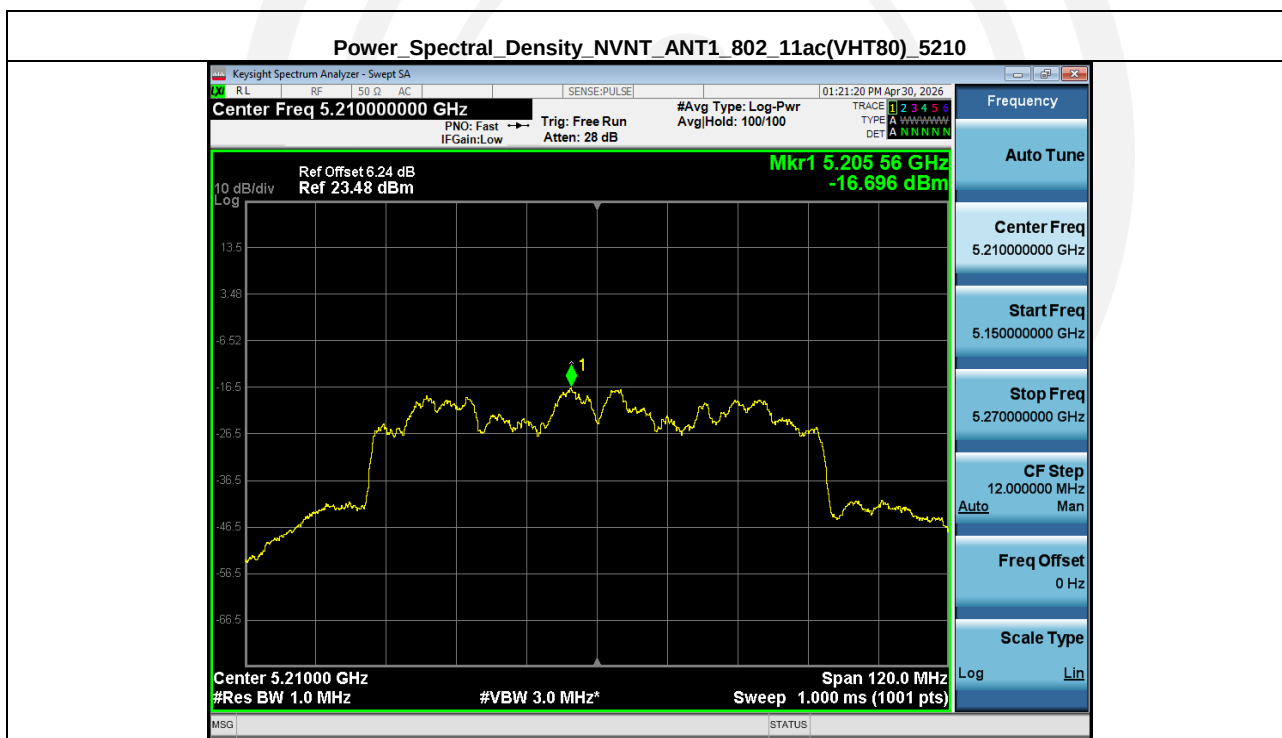
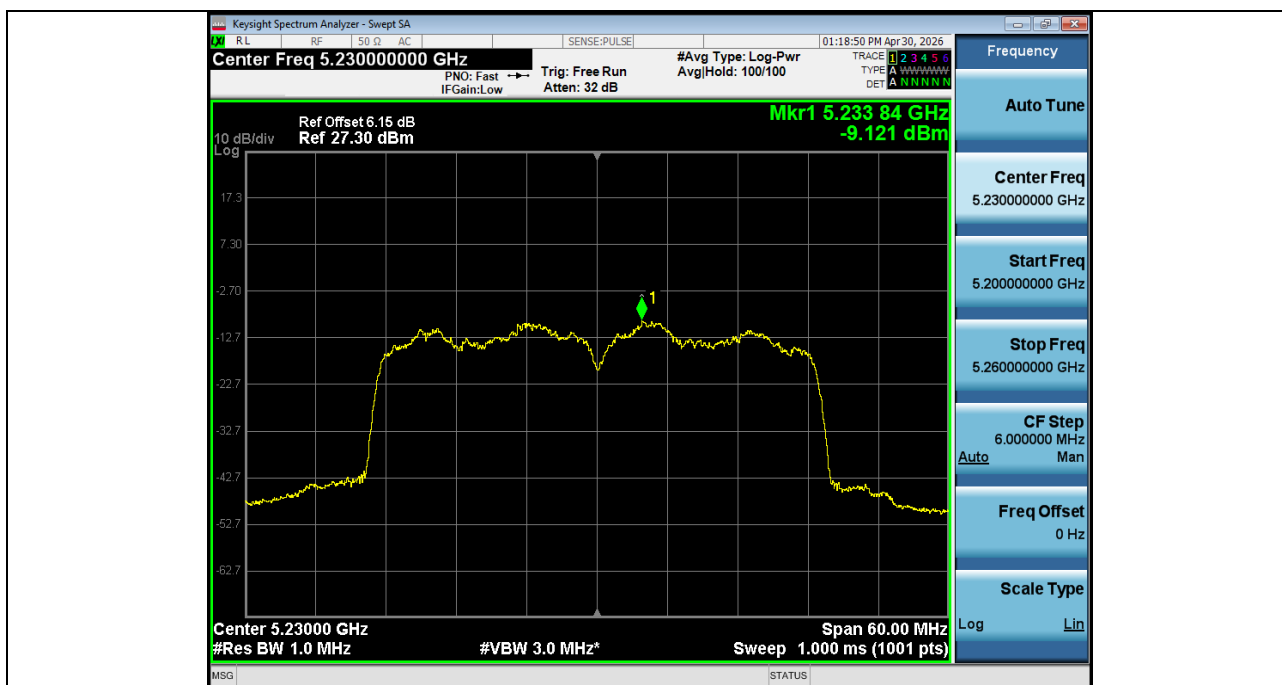
Power Spectral Density_NVNT_ANT1_802_11ac(VHT20)_5240



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5230



Power Spectral Density_NVNT_ANT1_802_11ac(VHT40)_5230

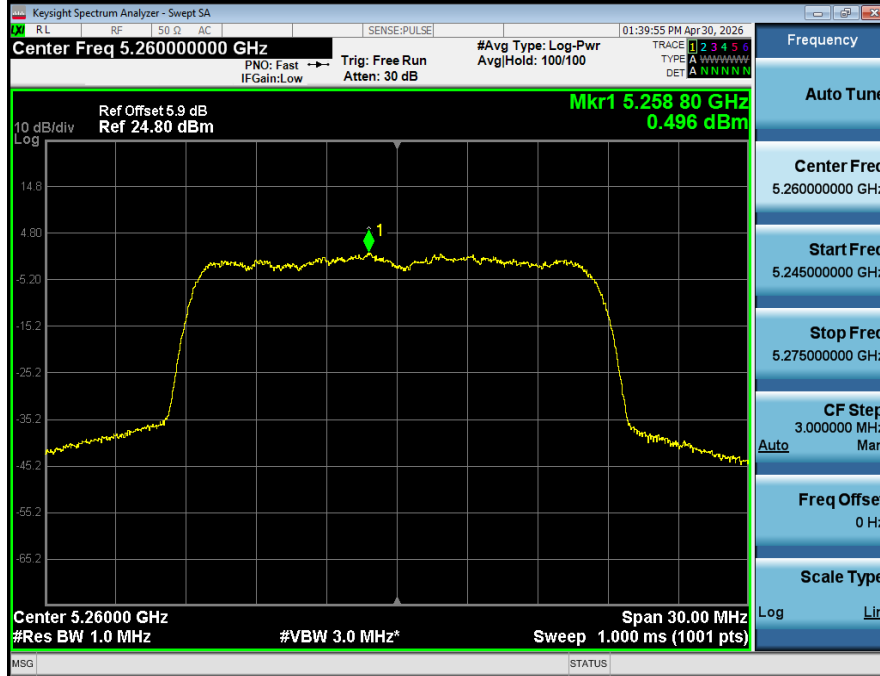


Band 2 (5260-5320 MHz) SISO:

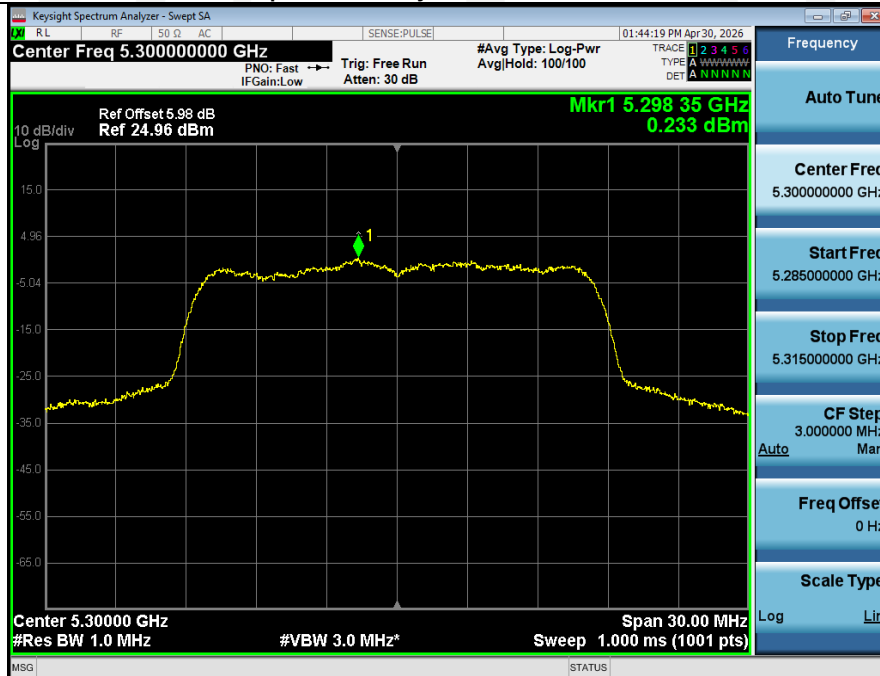
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5260.00	0.50	0.18	0.68	11	Pass
NVNT	ANT1	802.11a	5300.00	0.23	0.18	0.41	11	Pass
NVNT	ANT1	802.11a	5320.00	0.27	0.12	0.39	11	Pass
NVNT	ANT1	802.11n(HT20)	5260.00	-1.45	0.20	-1.25	11	Pass
NVNT	ANT1	802.11n(HT20)	5300.00	-2.34	0.19	-2.15	11	Pass
NVNT	ANT1	802.11n(HT20)	5320.00	-1.76	0.19	-1.57	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5260.00	-4.35	0.51	-3.84	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5300.00	-4.97	0.51	-4.46	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5320.00	-5.32	0.51	-4.81	11	Pass
NVNT	ANT1	802.11n(HT40)	5270.00	-6.04	0.39	-5.65	11	Pass
NVNT	ANT1	802.11n(HT40)	5310.00	-5.37	0.38	-4.99	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5270.00	-7.93	0.62	-7.31	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5310.00	-11.55	0.90	-10.65	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5290.00	-16.90	1.55	-15.35	11	Pass



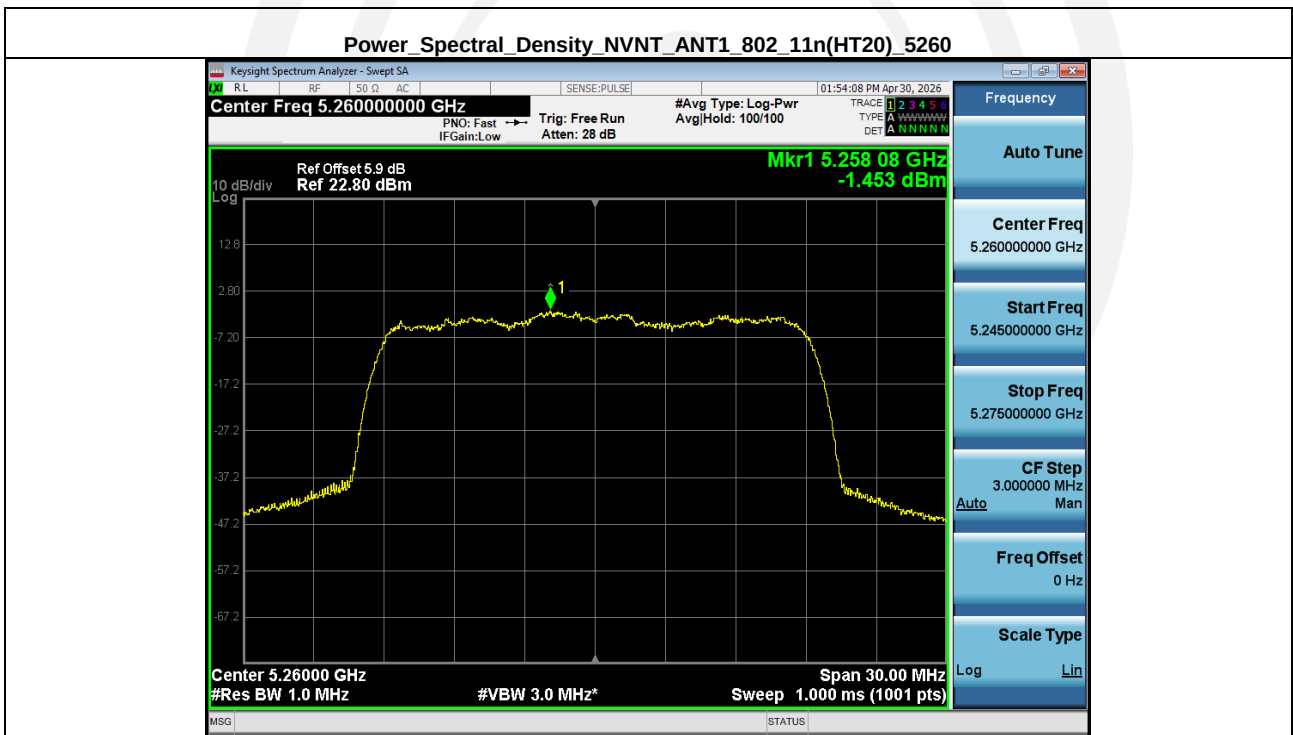
Power Spectral Density NVNT_ANT1_802_11a_5260



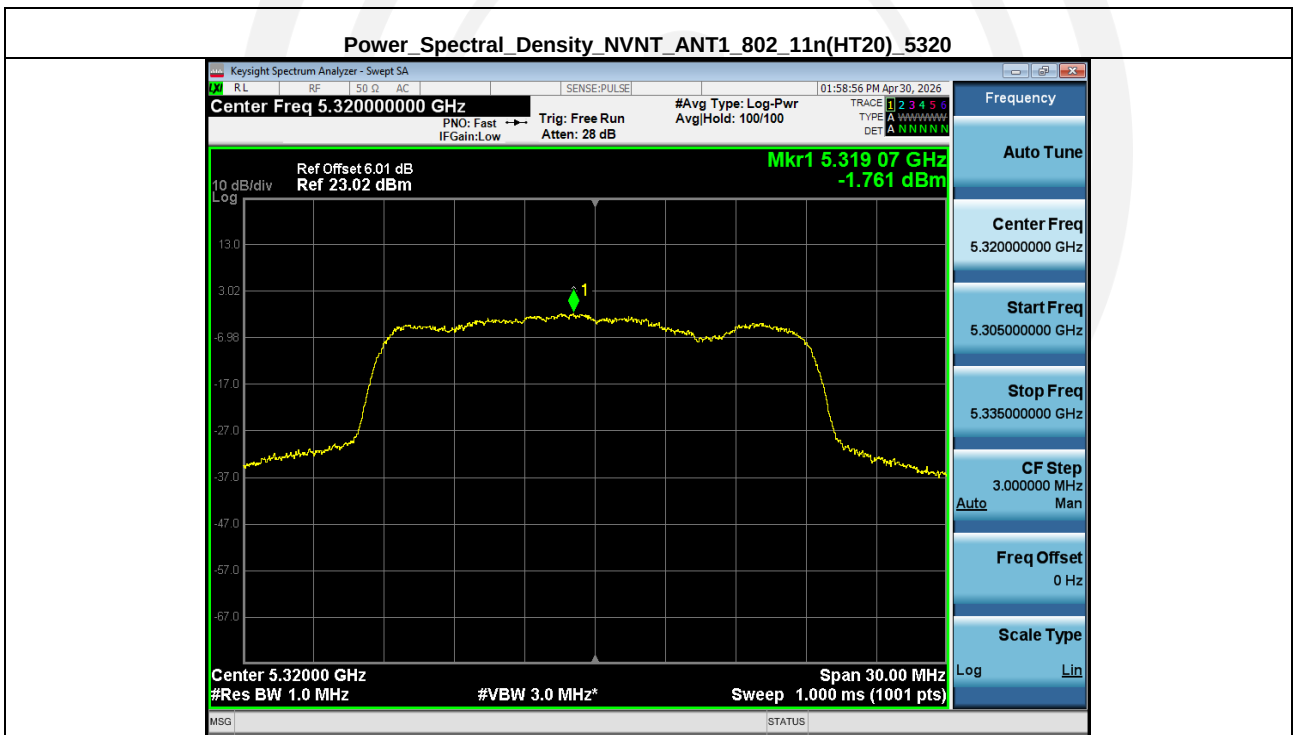
Power Spectral Density NVNT_ANT1_802_11a_5300



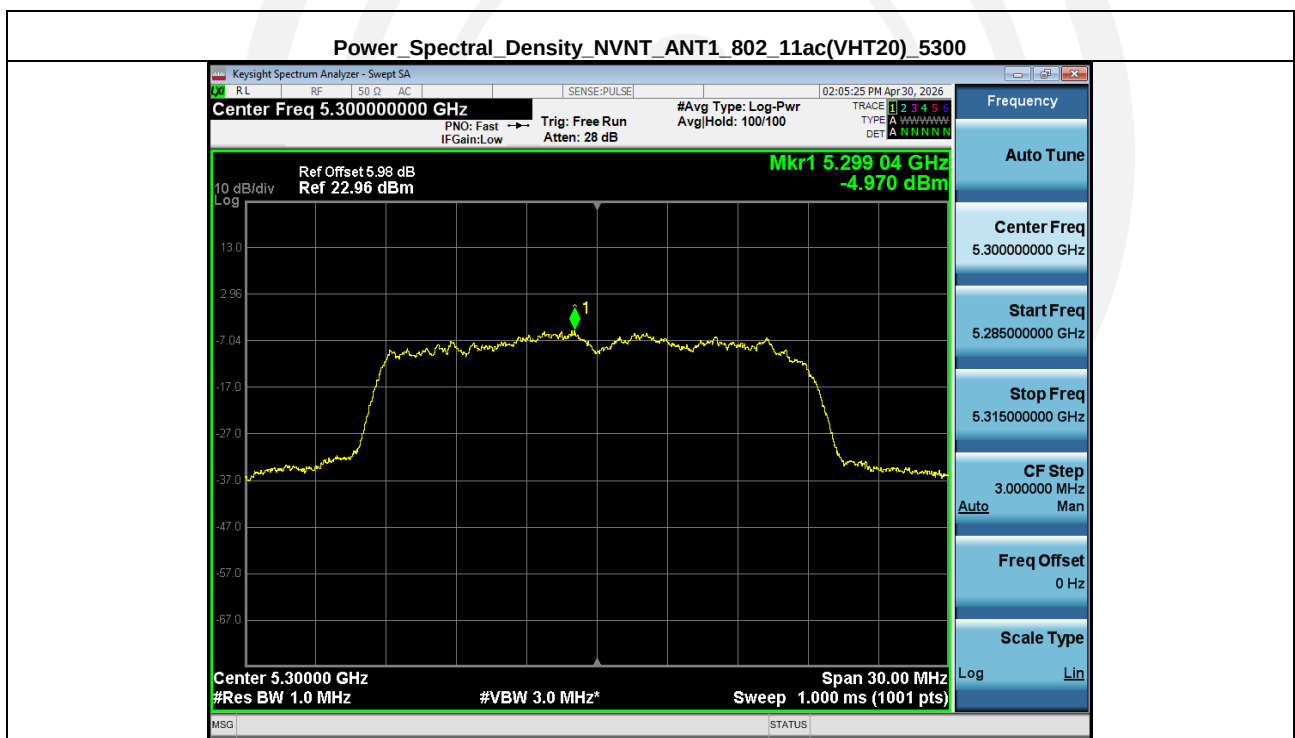
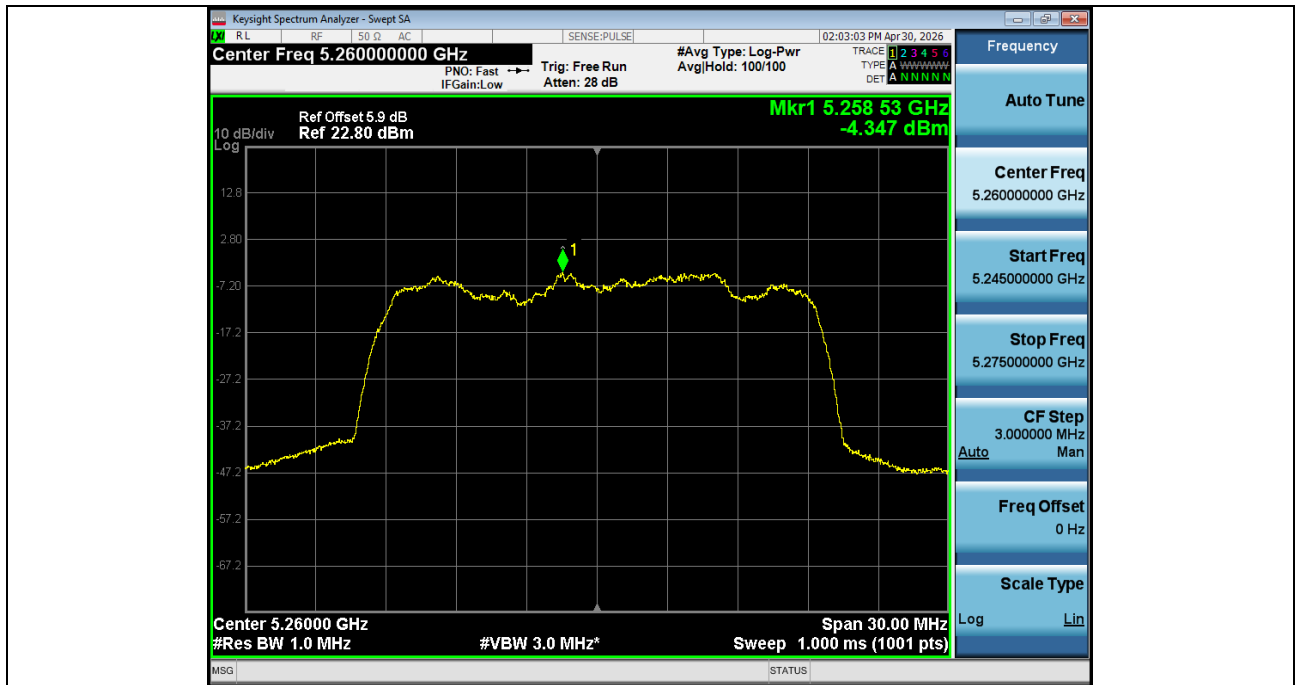
Power Spectral Density NVNT_ANT1_802_11a_5320



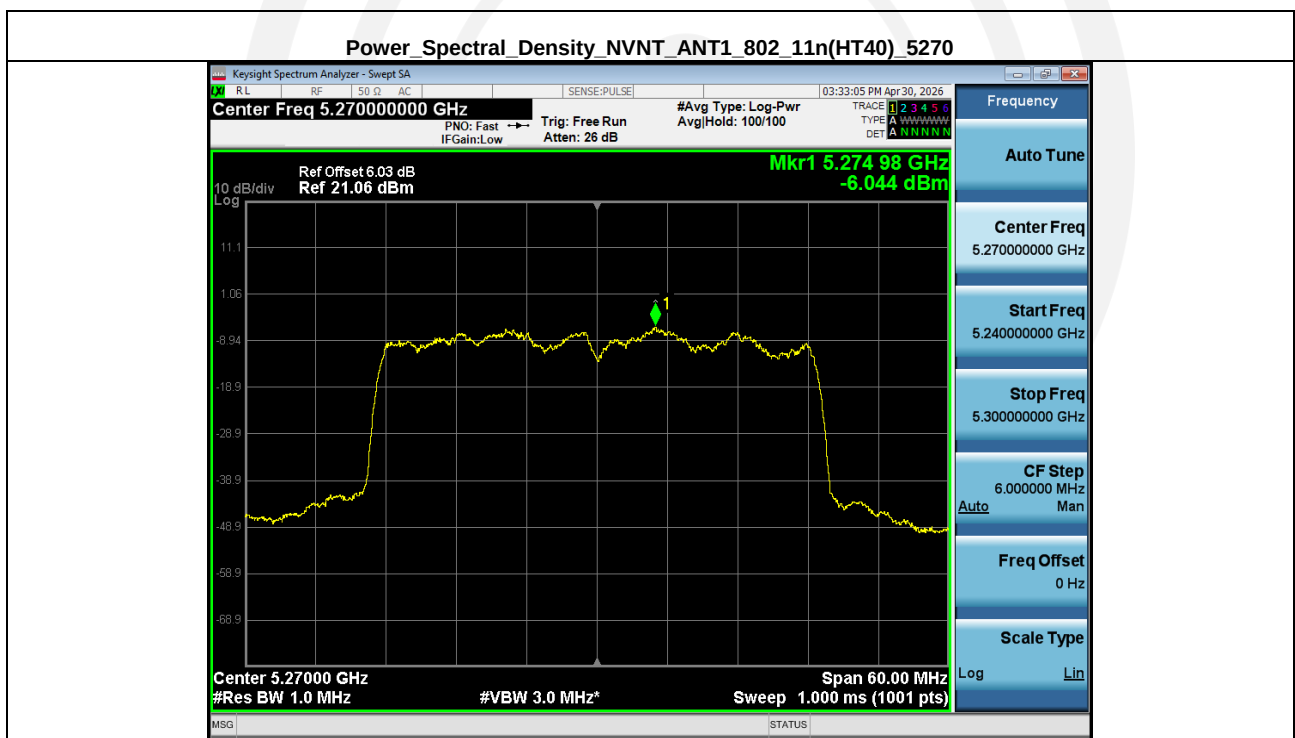
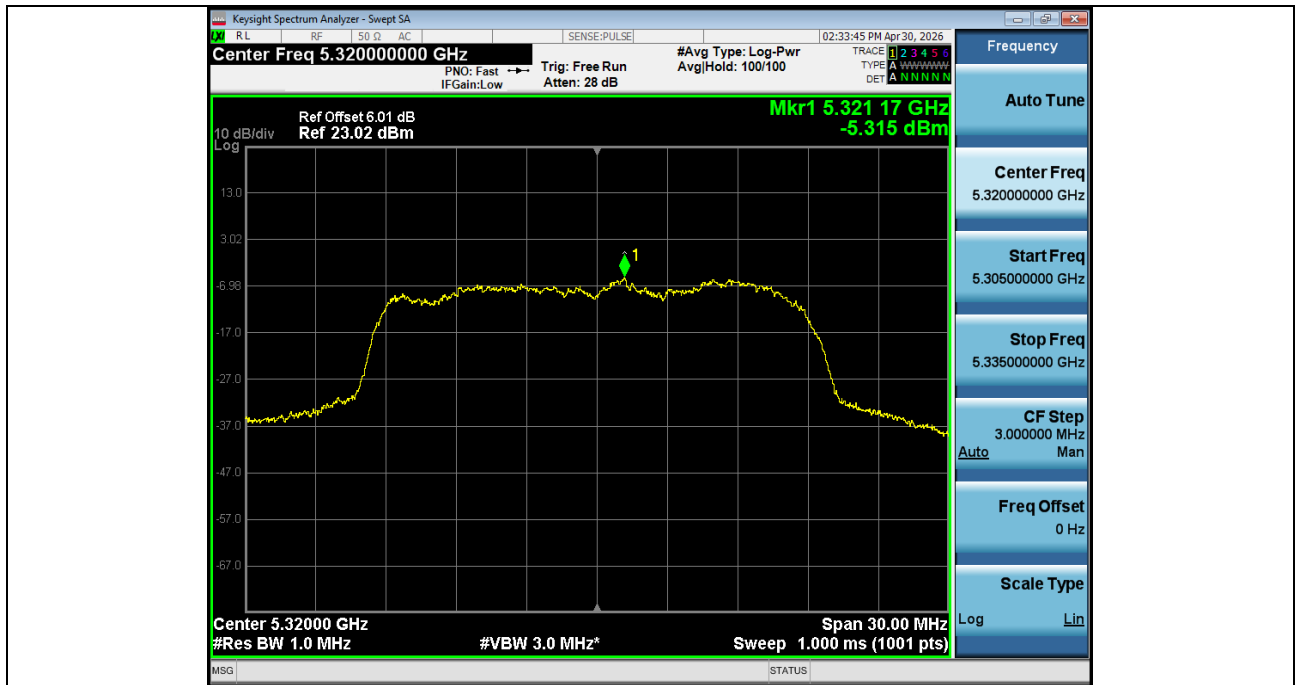
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5300



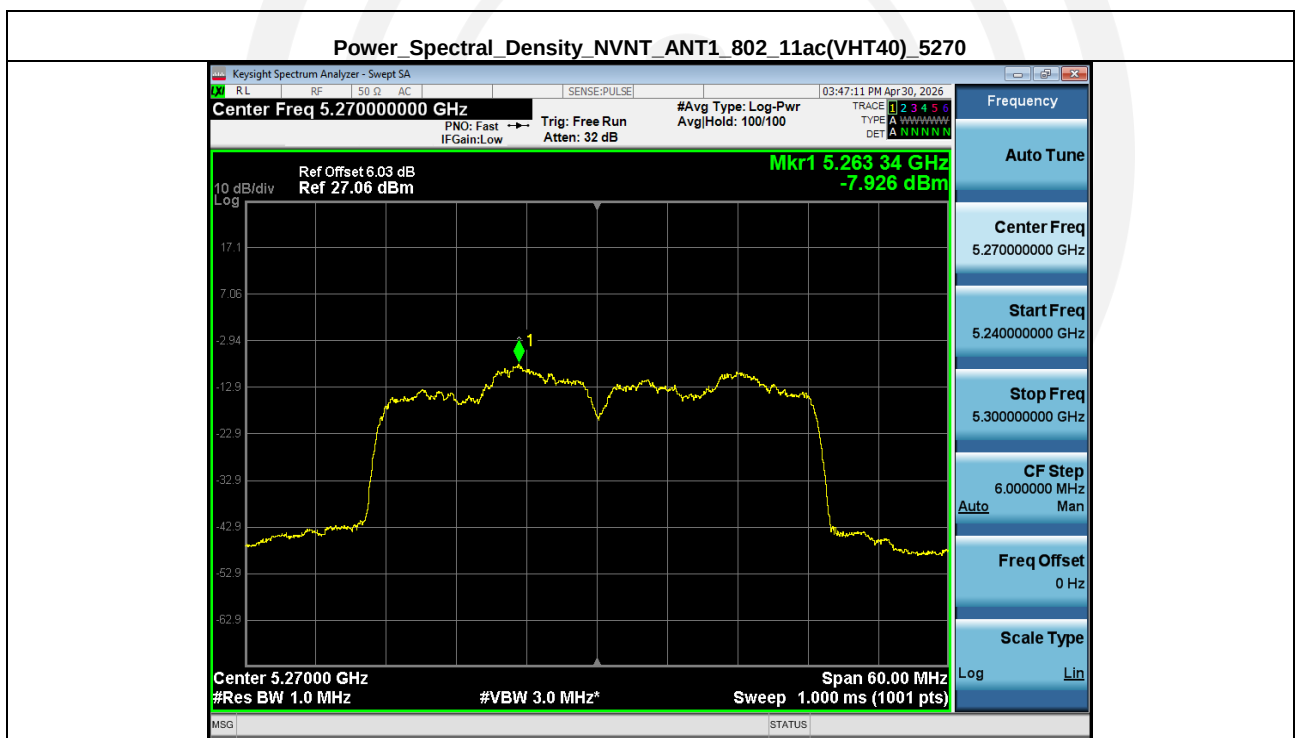
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5260



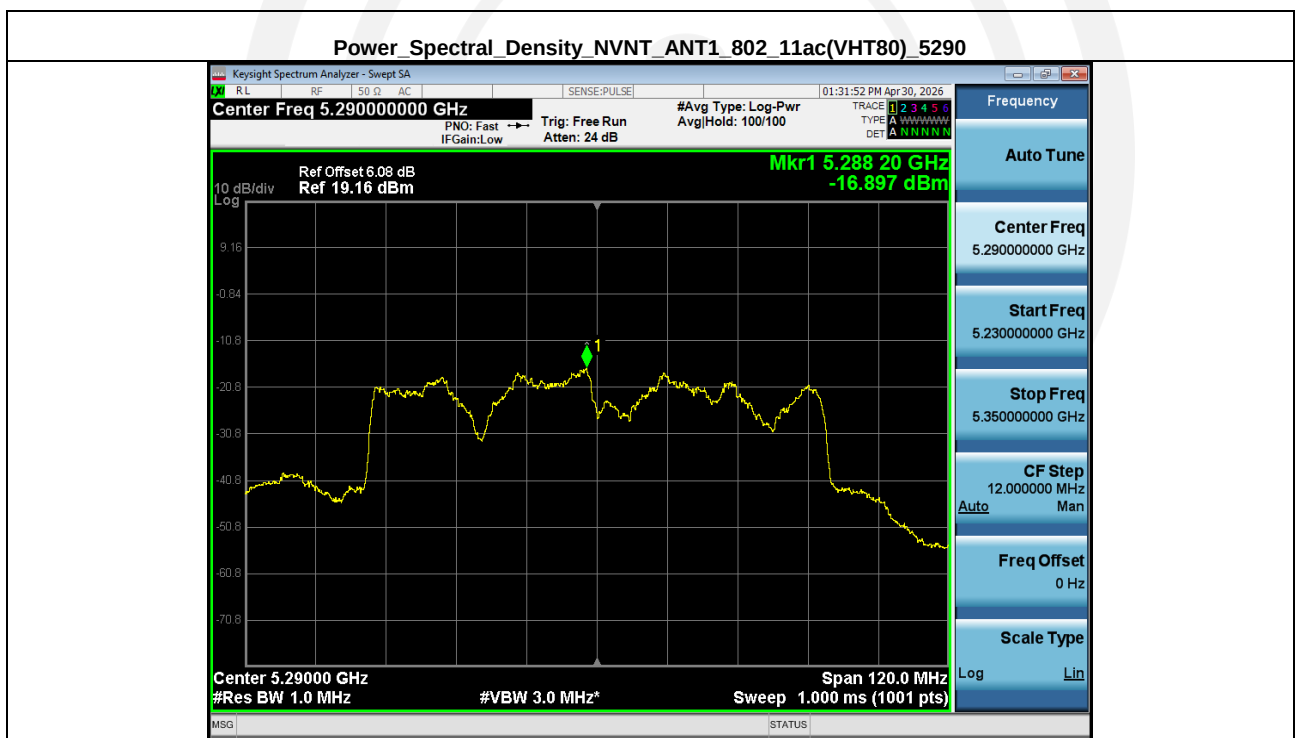
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5320



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5310



Power Spectral Density_NVNT_ANT1_802_11ac(VHT40)_5310

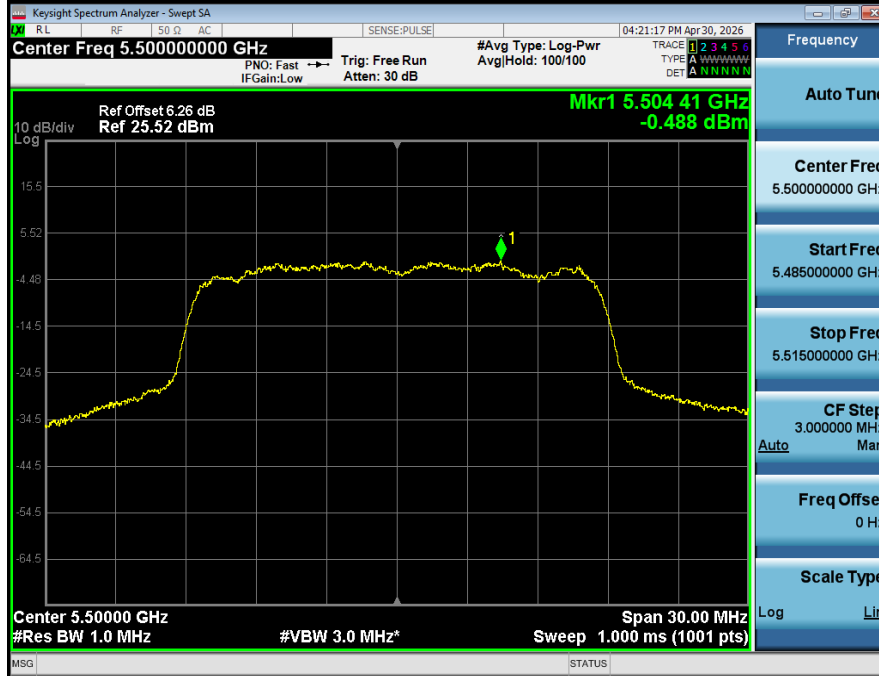


Band 3 (5500-5570 MHz) SISO:

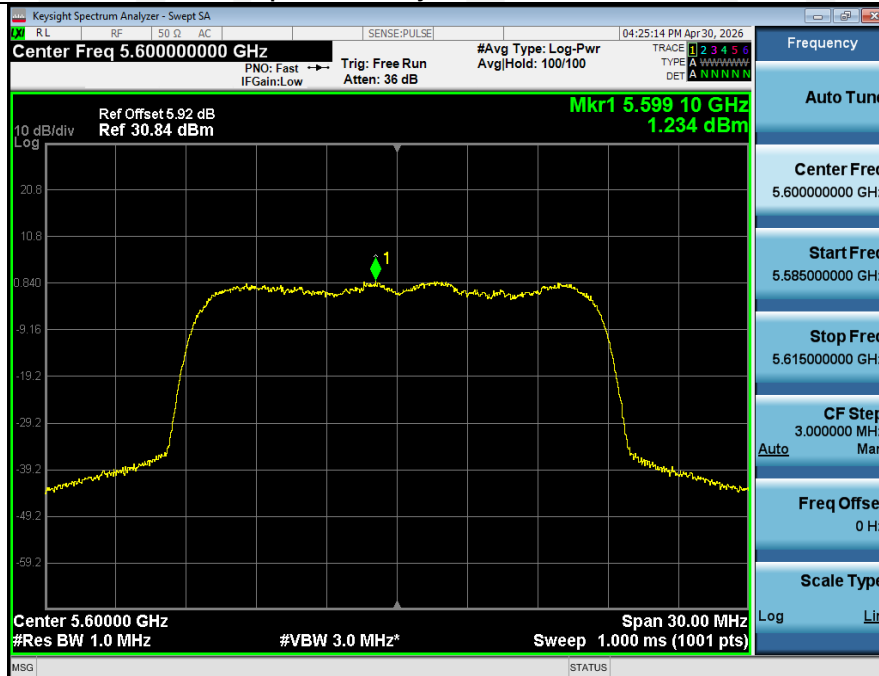
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/MHz)	Duty factor(dB)	Total PSD(dBm/MHz)	limit(dBm)	Result
NVNT	ANT1	802.11a	5500.00	-0.49	0.18	-0.31	11	Pass
NVNT	ANT1	802.11a	5600.00	1.23	0.18	1.41	11	Pass
NVNT	ANT1	802.11a	5700.00	-0.05	0.18	0.13	11	Pass
NVNT	ANT1	802.11n(HT20)	5500.00	-1.61	0.19	-1.43	11	Pass
NVNT	ANT1	802.11n(HT20)	5600.00	0.21	0.13	0.34	11	Pass
NVNT	ANT1	802.11n(HT20)	5700.00	-2.43	0.20	-2.23	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5500.00	-4.90	0.35	-4.55	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5600.00	-3.12	0.51	-2.61	11	Pass
NVNT	ANT1	802.11ac(VHT20)	5700.00	-4.89	0.51	-4.38	11	Pass
NVNT	ANT1	802.11n(HT40)	5510.00	-4.86	0.39	-4.47	11	Pass
NVNT	ANT1	802.11n(HT40)	5590.00	-4.05	0.26	-3.79	11	Pass
NVNT	ANT1	802.11n(HT40)	5670.00	-5.34	0.38	-4.96	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5510.00	-10.03	0.90	-9.13	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5590.00	-9.63	0.90	-8.73	11	Pass
NVNT	ANT1	802.11ac(VHT40)	5670.00	-9.48	0.62	-8.86	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5530.00	-15.90	1.55	-14.35	11	Pass
NVNT	ANT1	802.11ac(VHT80)	5610.00	-15.21	1.38	-13.83	11	Pass



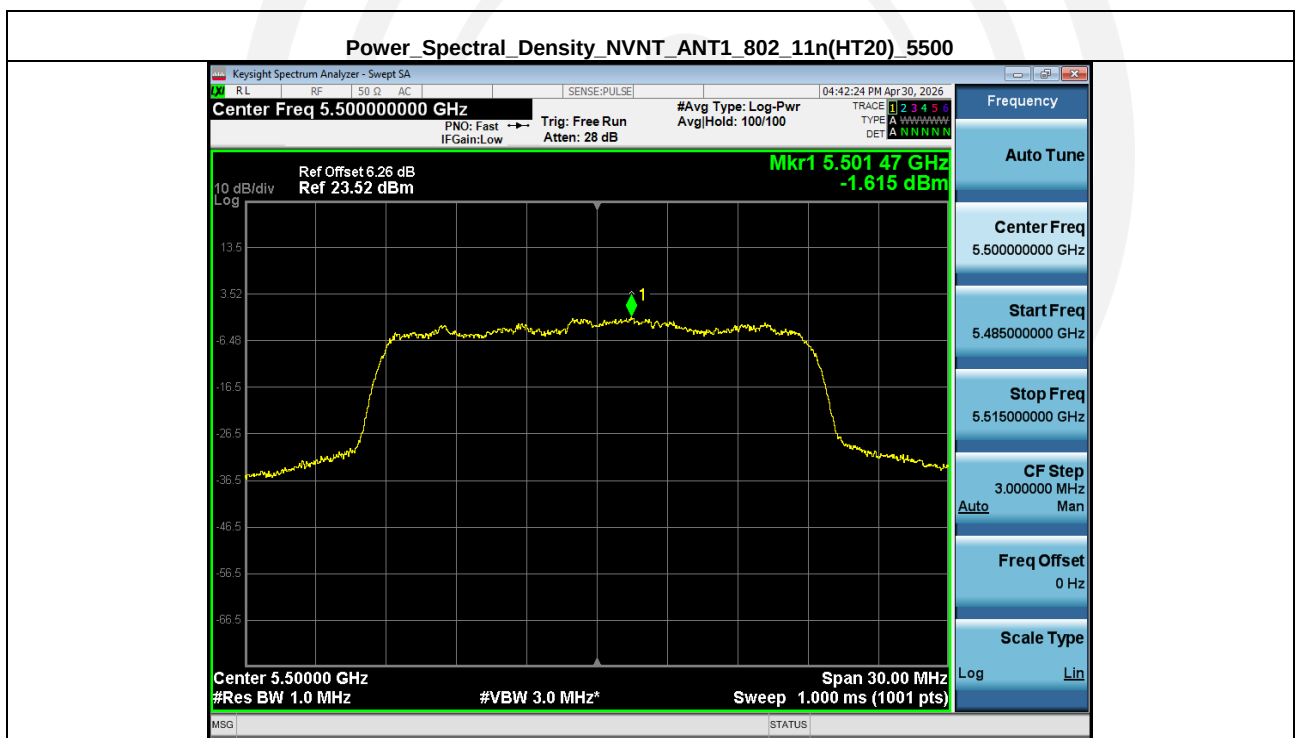
Power Spectral Density NVNT_ANT1_802_11a_5500



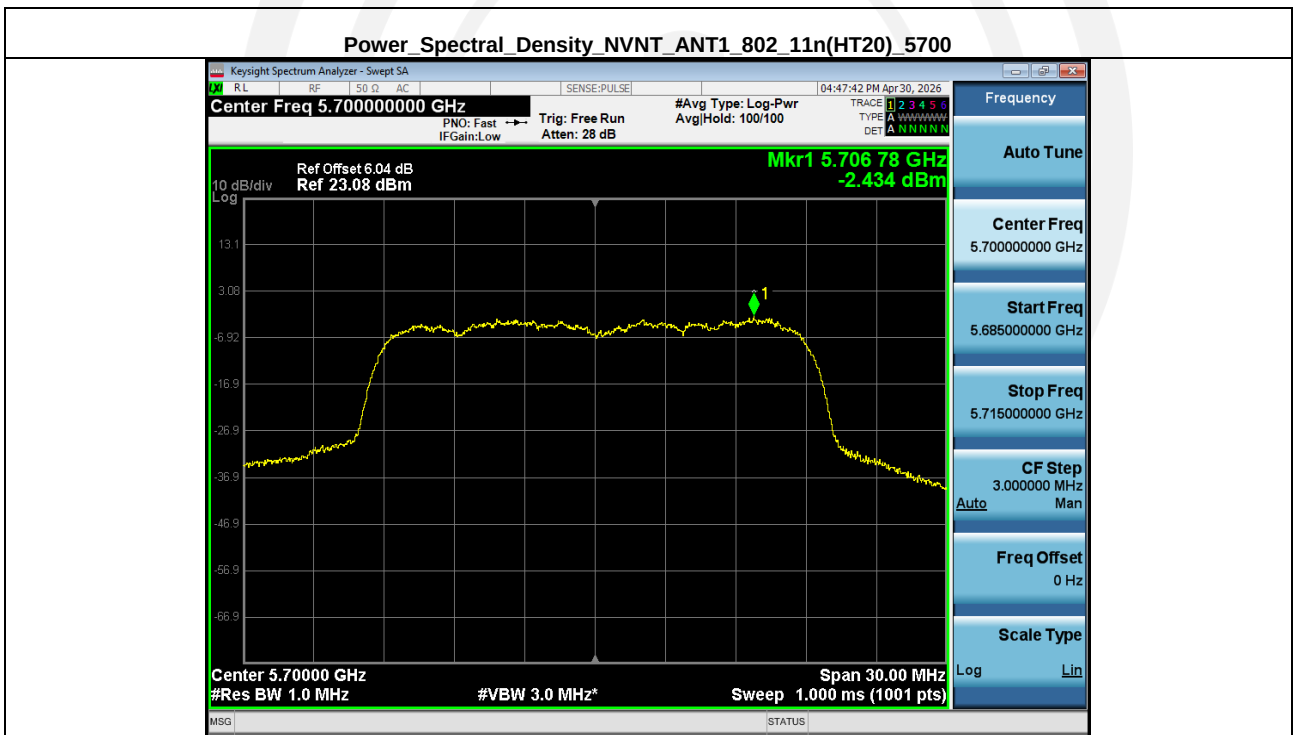
Power Spectral Density NVNT_ANT1_802_11a_5600



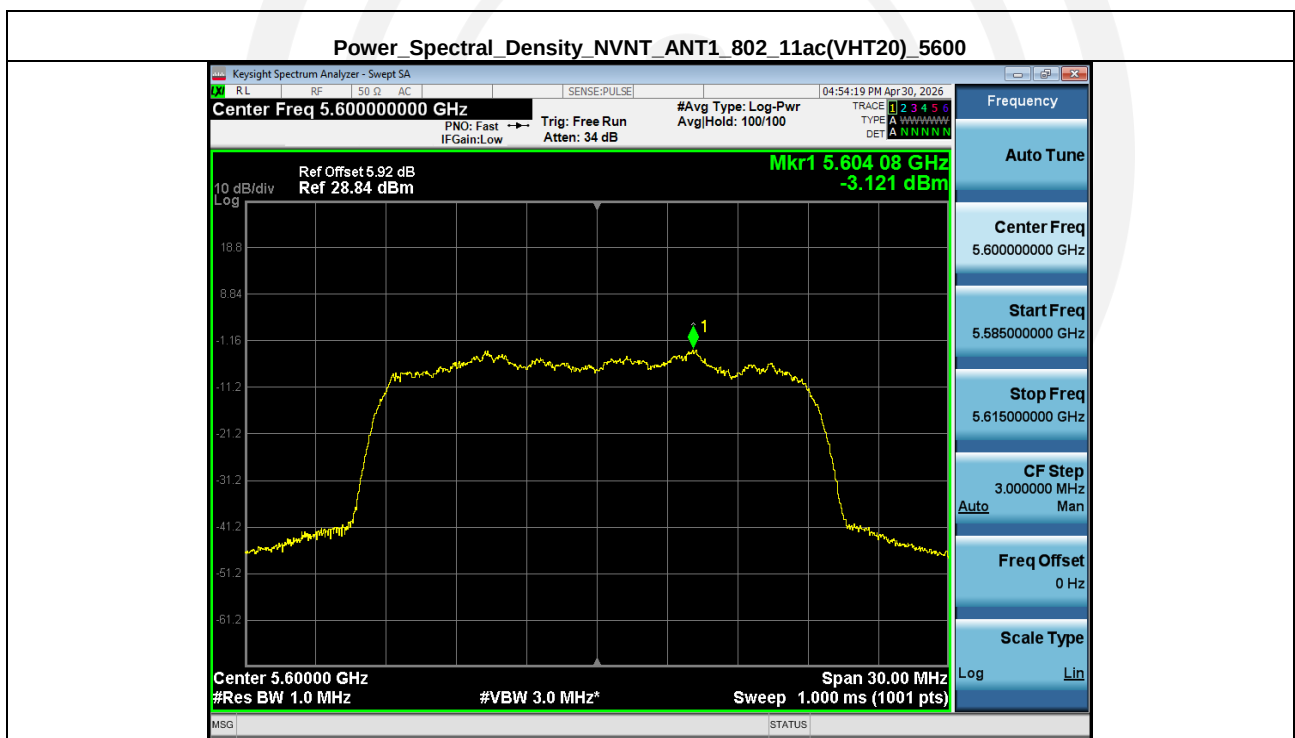
Power Spectral Density NVNT_ANT1_802_11a_5700



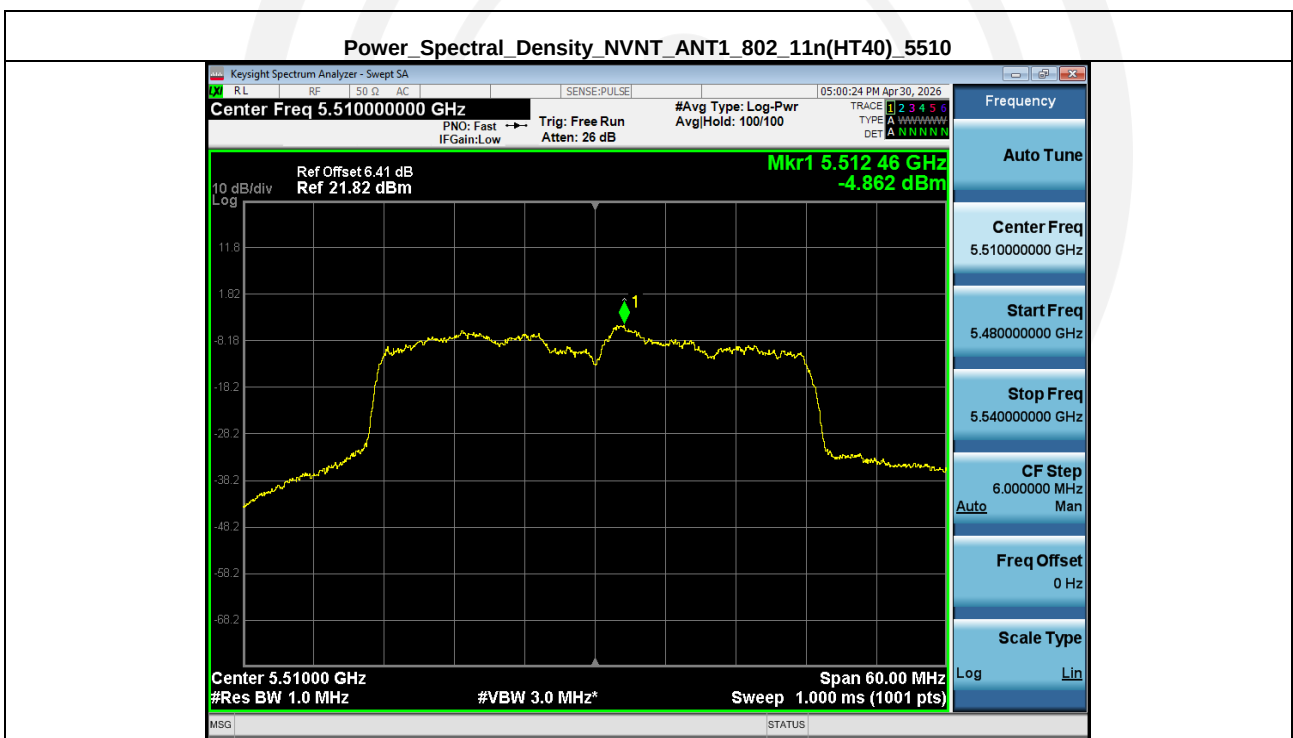
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5600



Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5500



Power Spectral Density_NVNT_ANT1_802_11ac(VHT20)_5700



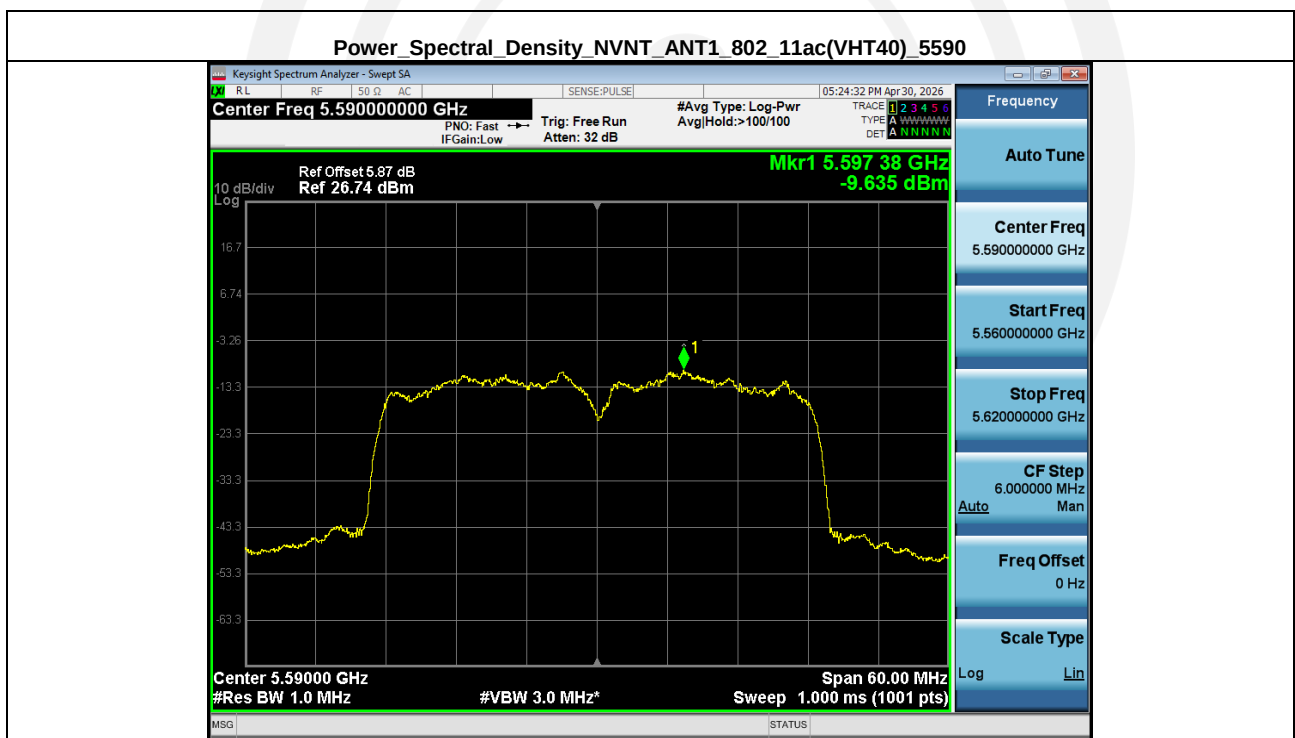
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5590



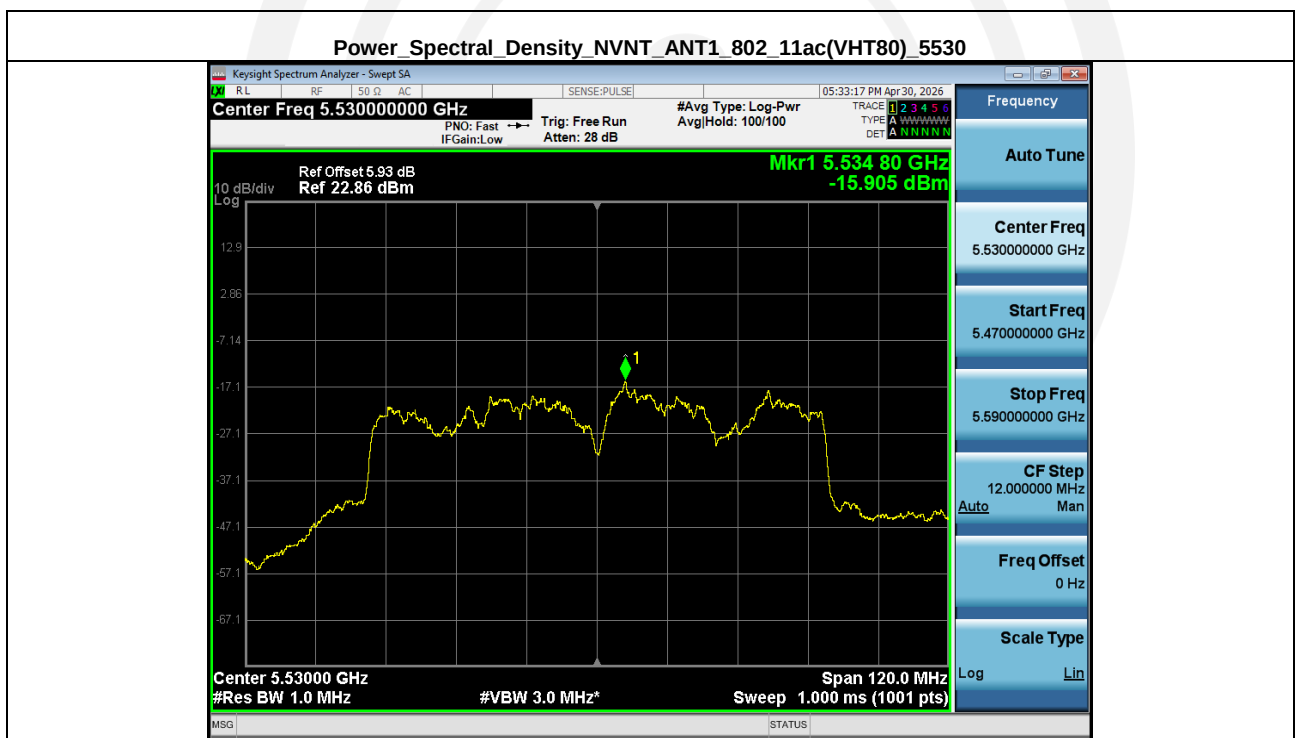
Power Spectral Density NVNT_ANT1_802_11n(HT40)_5670



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5510



Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5670



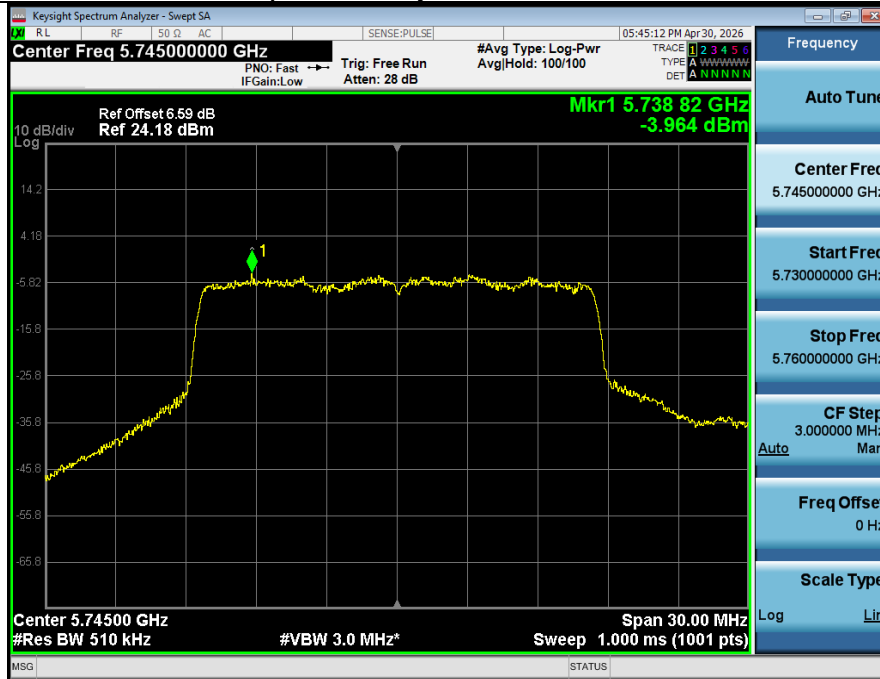
Power Spectral Density_NVNT_ANT1_802_11ac(VHT80)_5610



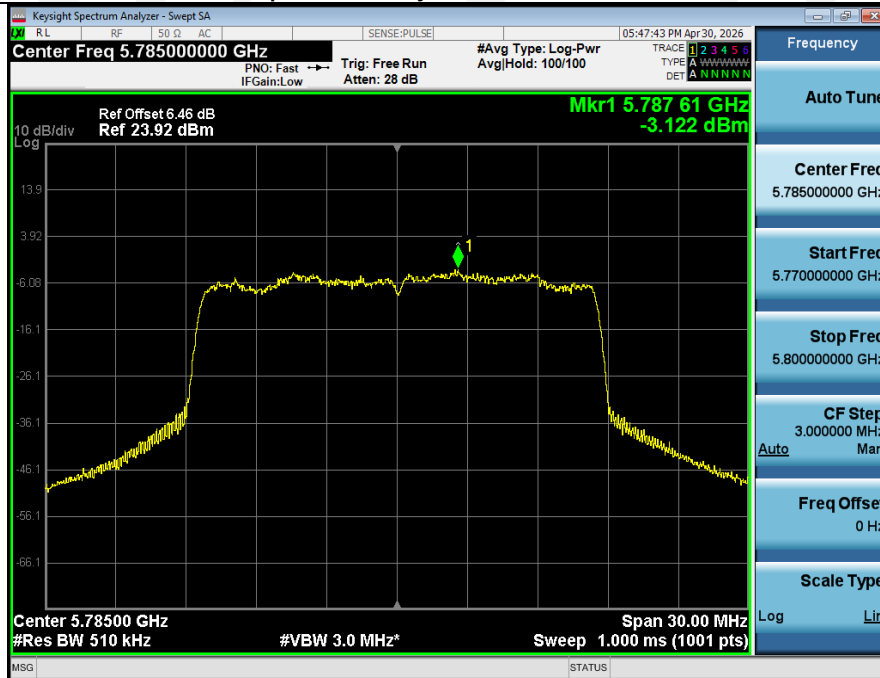
Band 4 (5725 – 5850 MHz) SISO:

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA(dBm/RBW)	Duty factor(dB)	RB factor(dB)	PSD(dBm/500kHz)	limit(dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-3.96	0.18	-0	-3.87	30	Pass
NVNT	ANT1	802.11a	5785.00	-3.12	0.18	-0	-3.03	30	Pass
NVNT	ANT1	802.11a	5825.00	-5.50	0.18	-0	-5.41	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-4.69	0.13	-0	-4.65	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-5.32	0.19	-0	-5.22	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-6.13	0.20	-0	-6.01	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5745.00	-7.45	0.51	-0	-7.02	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5785.00	-6.80	0.51	-0	-6.38	30	Pass
NVNT	ANT1	802.11ac(VHT20)	5825.00	-8.46	0.51	-0	-8.04	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-7.87	0.39	-0	-7.57	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-8.51	0.39	-0	-8.21	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5755.00	-12.92	0.90	-0	-12.11	30	Pass
NVNT	ANT1	802.11ac(VHT40)	5795.00	-14.16	0.90	-0	-13.35	30	Pass
NVNT	ANT1	802.11ac(VHT80)	5775.00	-21.88	1.55	-0	-20.41	30	Pass

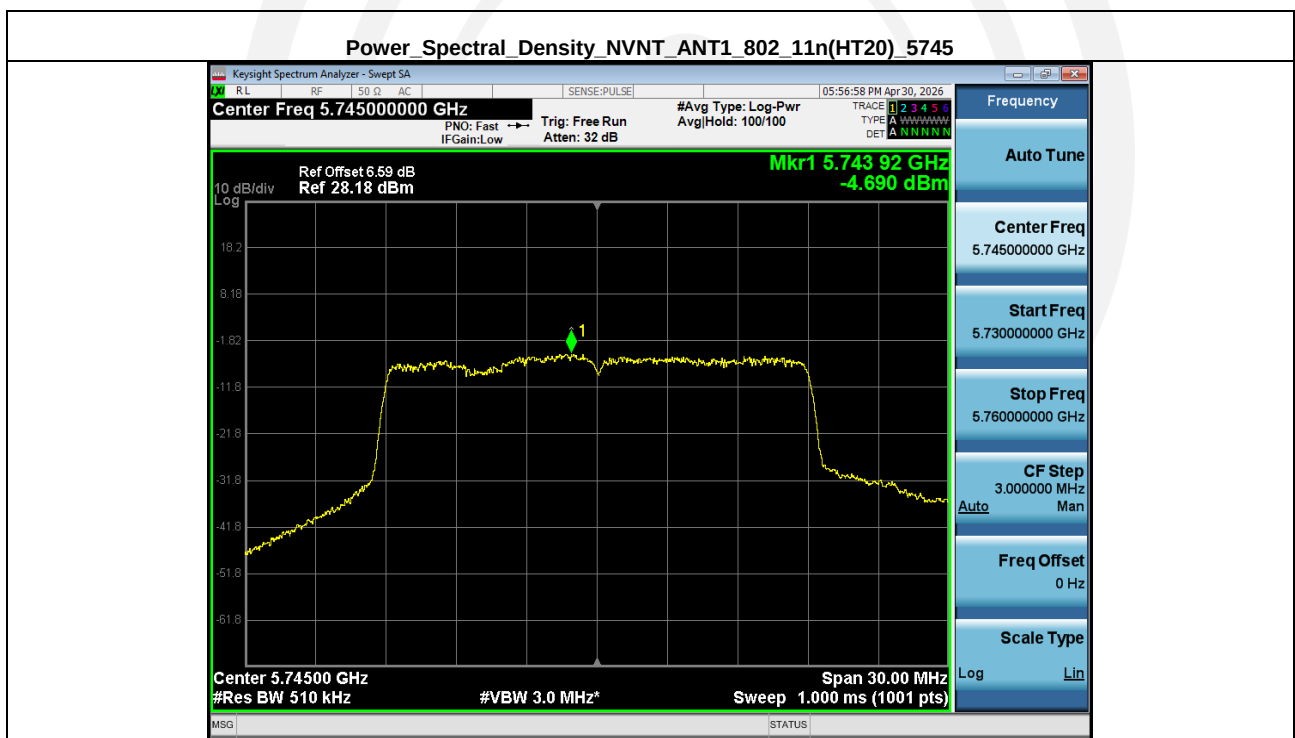
Power Spectral Density NVNT_ANT1_802_11a_5745



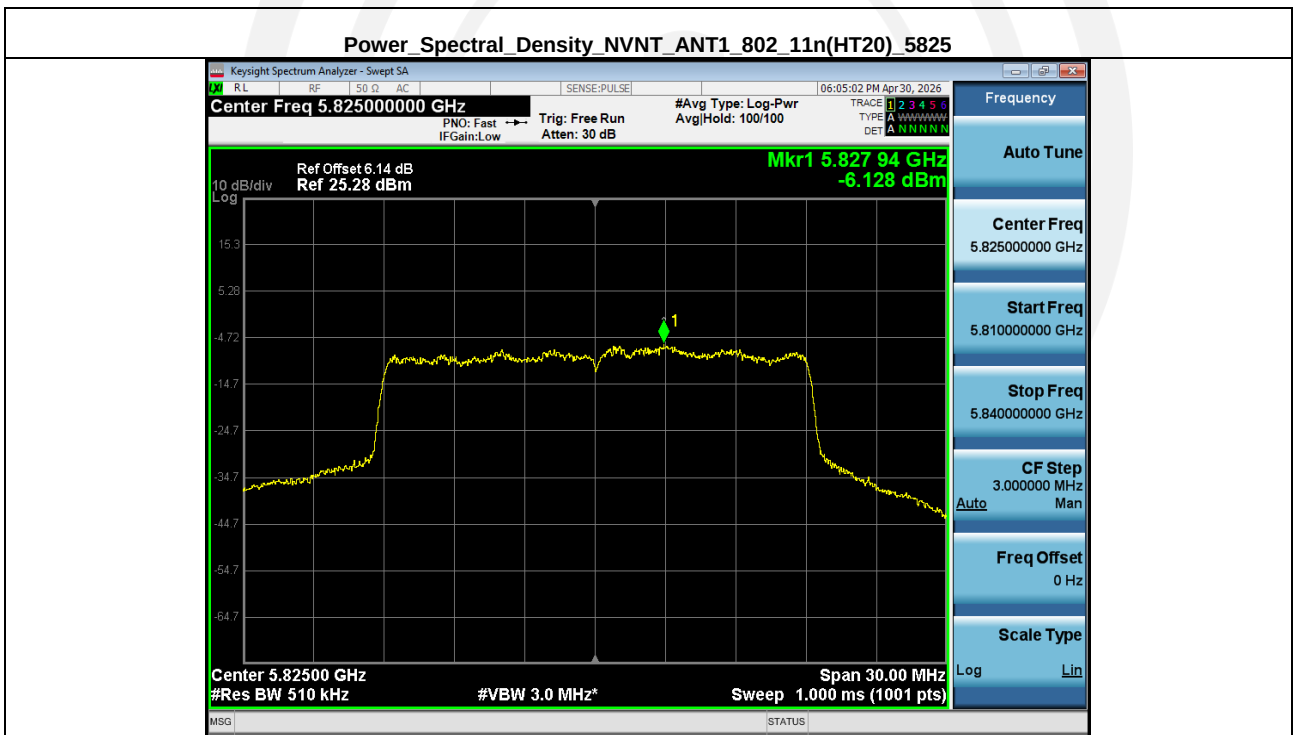
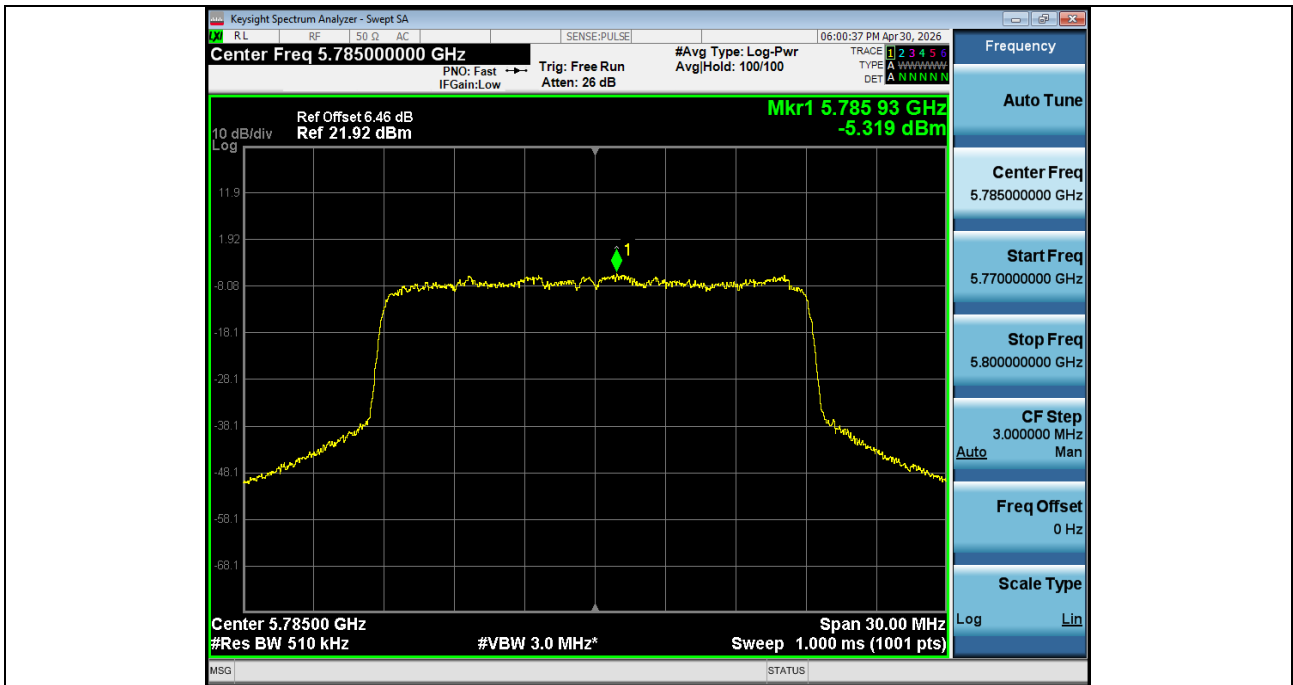
Power Spectral Density NVNT_ANT1_802_11a_5785



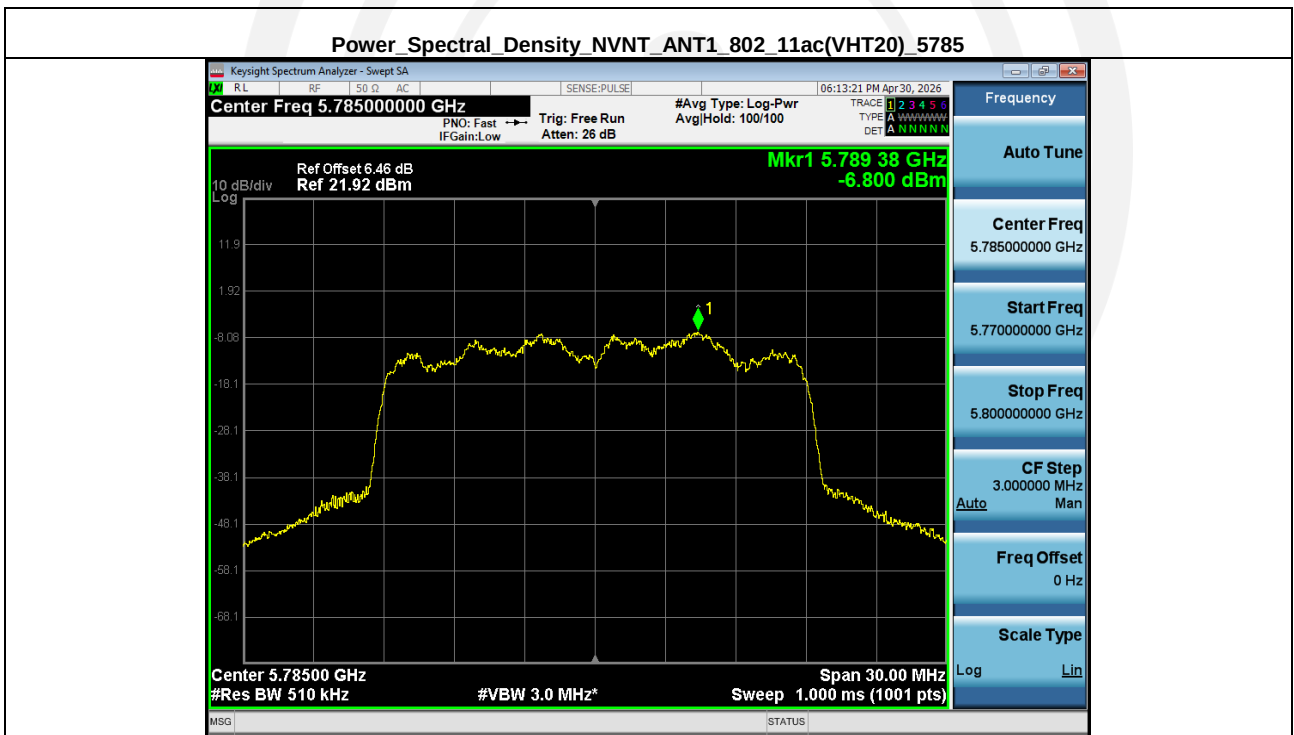
Power Spectral Density NVNT_ANT1_802_11a_5825



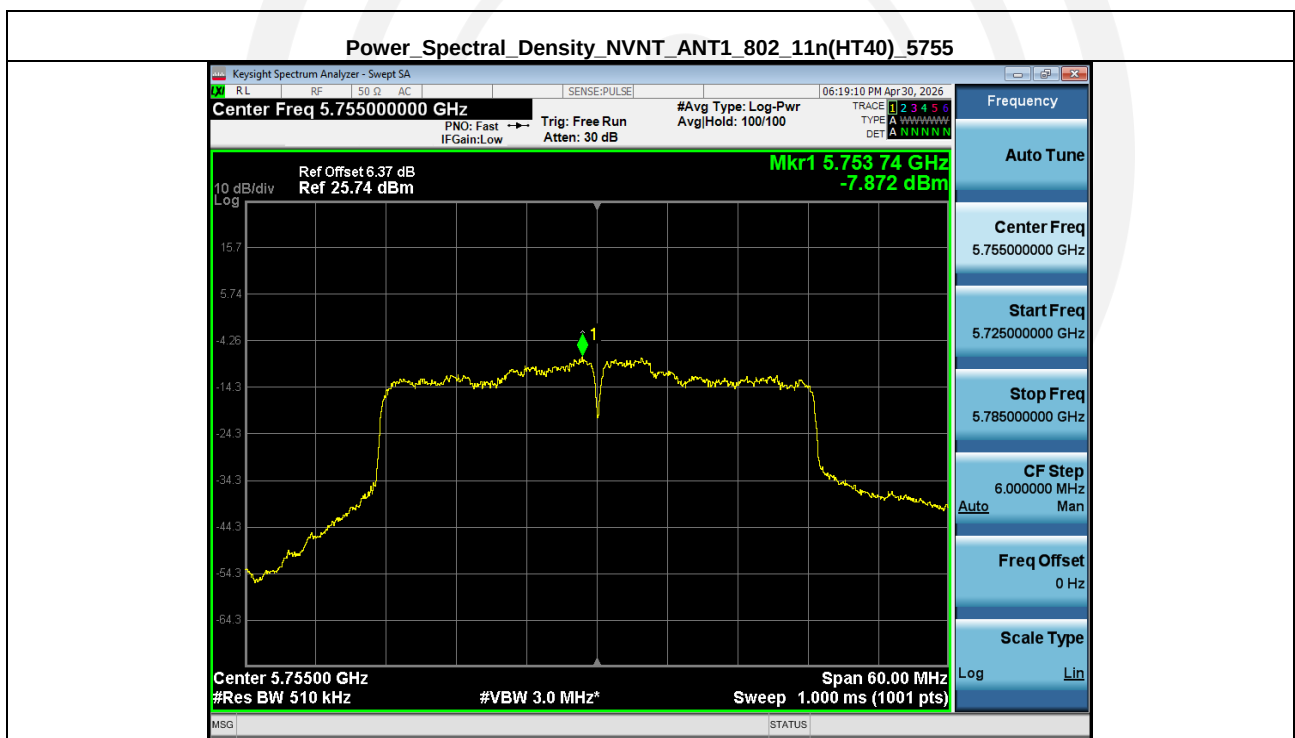
Power Spectral Density NVNT_ANT1_802_11n(HT20)_5785



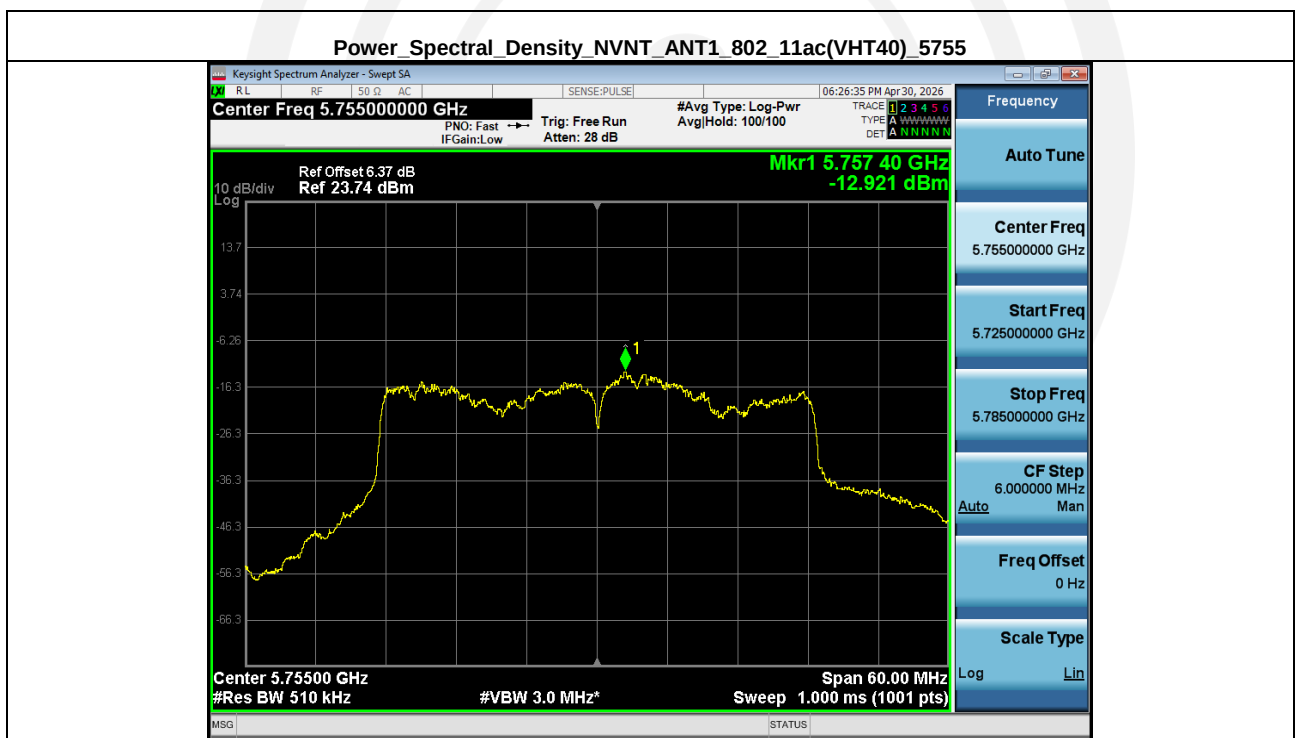
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5745



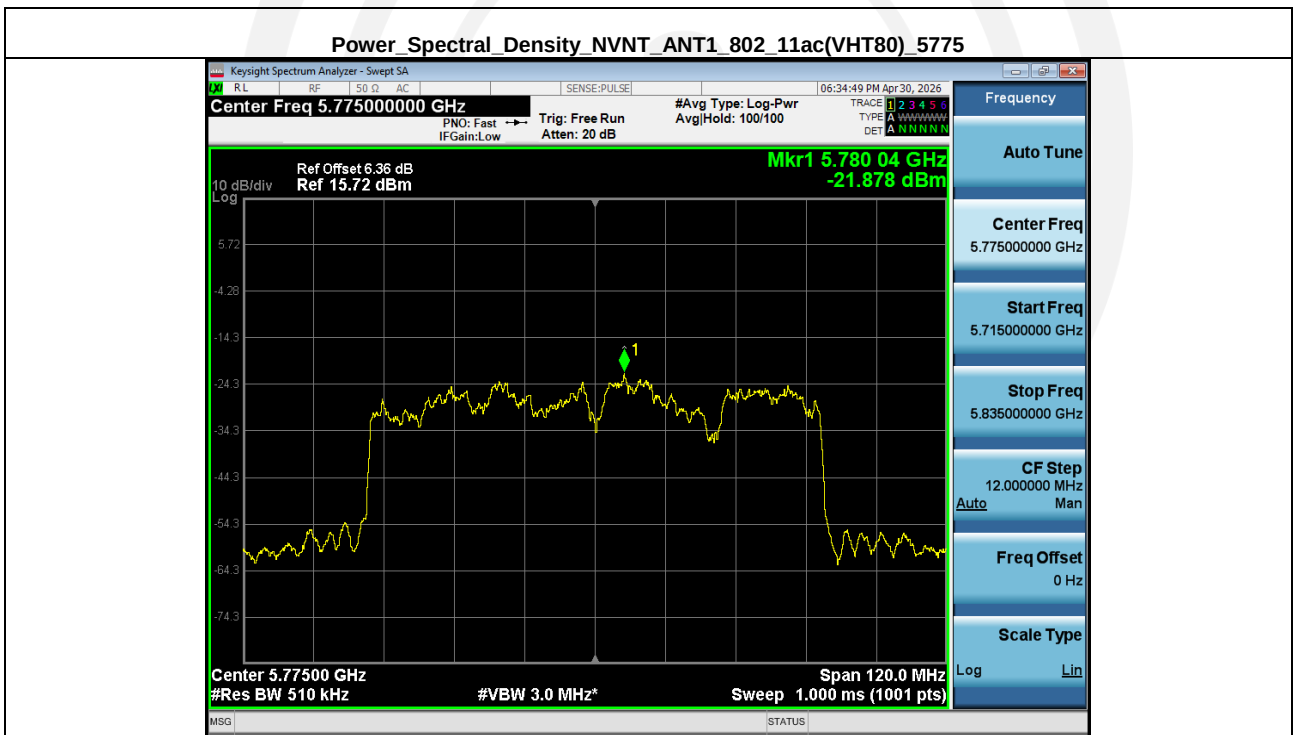
Power Spectral Density NVNT_ANT1_802_11ac(VHT20)_5825



Power Spectral Density NVNT_ANT1_802_11n(HT40)_5795

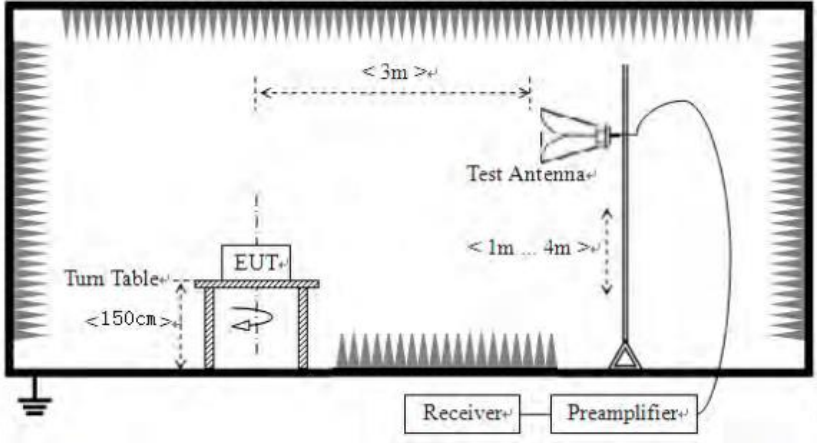


Power Spectral Density NVNT_ANT1_802_11ac(VHT40)_5795



4.6 Band Edge

Test Requirement:	FCC Part15 E Section 15.407 and 15.205, RSS-Gen §8.9																								
Test Method:	ANSI C63.10:2020+Cor.1-2023																								
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)																								
Receiver setup:	<table><tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr><tr><td>AV</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr></table>					Frequency	Detector	RBW	VBW	Remark	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value	Above 1GHz	Peak	1MHz	3MHz	Peak Value	AV	1MHz	3MHz	Average Value	
Frequency	Detector	RBW	VBW	Remark																					
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value																					
Above 1GHz	Peak	1MHz	3MHz	Peak Value																					
	AV	1MHz	3MHz	Average Value																					
Limit:	<table><tr><td>Frequency</td><td>Limit (dBuV/m @3m)</td><td>Remark</td></tr><tr><td>30MHz-88MHz</td><td>40.0</td><td>Quasi-peak Value</td></tr><tr><td>88MHz-216MHz</td><td>43.5</td><td>Quasi-peak Value</td></tr><tr><td>216MHz-960MHz</td><td>46.0</td><td>Quasi-peak Value</td></tr><tr><td>960MHz-1GHz</td><td>54.0</td><td>Quasi-peak Value</td></tr><tr><td rowspan="2">Above 1GHz</td><td>54.0</td><td>Average Value</td></tr><tr><td>68.2</td><td>Peak Value</td></tr></table> Undesirable emission limits: (1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. (2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band. (3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz. (4) For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.					Frequency	Limit (dBuV/m @3m)	Remark	30MHz-88MHz	40.0	Quasi-peak Value	88MHz-216MHz	43.5	Quasi-peak Value	216MHz-960MHz	46.0	Quasi-peak Value	960MHz-1GHz	54.0	Quasi-peak Value	Above 1GHz	54.0	Average Value	68.2	Peak Value
Frequency	Limit (dBuV/m @3m)	Remark																							
30MHz-88MHz	40.0	Quasi-peak Value																							
88MHz-216MHz	43.5	Quasi-peak Value																							
216MHz-960MHz	46.0	Quasi-peak Value																							
960MHz-1GHz	54.0	Quasi-peak Value																							
Above 1GHz	54.0	Average Value																							
	68.2	Peak Value																							
Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values																								

	of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test setup:	Above 1GHz 
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Remark:

According to KDB 789033 D02 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:

$$E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2,$$

For example, if EIRP = -27dBm

$$E[\text{dBuV/m}] = -27 + 95.2 = 68.2\text{dBuV/m}.$$

Except for mode a, other modes test the MIMO status.

The test result of SISO mode reflects the worst data between antenna 1 and antenna 2.

Measurement Data:**Band1**

Mode:		802.11a		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	56.22	-13.16	43.06	68.20	-25.14	PK
V	5150.00	55.34	-13.16	42.18	68.20	-26.02	PK
Mode:		802.11a		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	45.29	-13.16	32.13	54.00	-21.87	AV
V	5150.00	46.13	-13.16	32.97	54.00	-21.03	AV
Mode:		802.11a		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	55.09	-12.62	42.47	68.20	-25.73	PK
V	5350.00	57.00	-12.62	44.38	68.20	-23.82	PK
Mode:		802.11a		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	48.03	-12.62	35.41	54.00	-18.59	AV
V	5350.00	47.23	-12.62	34.61	54.00	-19.39	AV

Mode:		802.11n(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	57.41	-13.16	44.25	68.20	-23.95	PK
V	5150.00	55.75	-13.16	42.59	68.20	-25.61	PK
Mode:		802.11n(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	46.93	-13.16	33.77	54.00	-20.23	AV
V	5150.00	47.11	-13.16	33.95	54.00	-20.05	AV
Mode:		802.11n(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	53.81	-12.62	41.19	68.20	-27.01	PK
V	5350.00	56.84	-12.62	44.22	68.20	-23.98	PK
Mode:		802.11n(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	47.69	-12.62	35.07	54.00	-18.93	AV
V	5350.00	47.89	-12.62	35.27	54.00	-18.73	AV

Mode:		802.11ac(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	56.45	-13.16	43.29	68.20	-24.91	PK
V	5150.00	56.21	-13.16	43.05	68.20	-25.15	PK
Mode:		802.11ac(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	45.30	-13.16	32.14	54.00	-21.86	AV
V	5150.00	46.92	-13.16	33.76	54.00	-20.24	AV
Mode:		802.11ac(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	56.74	-12.62	44.12	68.20	-24.08	PK
V	5350.00	55.55	-12.62	42.93	68.20	-25.27	PK
Mode:		802.11ac(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	46.62	-12.62	34.00	54.00	-20.00	AV
V	5350.00	46.42	-12.62	33.80	54.00	-20.20	AV

Mode:		802.11n(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	54.21	-13.16	41.05	68.20	-27.15	PK
V	5150.00	55.01	-13.16	41.85	68.20	-26.35	PK
Mode:		802.11n(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	44.30	-13.16	31.14	54.00	-22.86	AV
V	5150.00	45.48	-13.16	32.32	54.00	-21.68	AV
Mode:		802.11n(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	56.51	-12.62	43.89	68.20	-24.31	PK
V	5350.00	58.43	-12.62	45.81	68.20	-22.39	PK
Mode:		802.11n(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	46.26	-12.62	33.64	54.00	-20.36	AV
V	5350.00	50.33	-12.62	37.71	54.00	-16.29	AV

Mode:		802.11ac(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	54.46	-13.16	41.30	68.20	-26.90	PK
V	5150.00	56.90	-13.16	43.74	68.20	-24.46	PK
Mode:		802.11ac(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	47.18	-13.16	34.02	54.00	-19.98	AV
V	5150.00	46.42	-13.16	33.26	54.00	-20.74	AV
Mode:		802.11ac(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	55.43	-12.62	42.81	68.20	-25.39	PK
V	5350.00	56.08	-12.62	43.46	68.20	-24.74	PK
Mode:		802.11ac(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	45.26	-12.62	32.64	54.00	-21.36	AV
V	5350.00	47.65	-12.62	35.03	54.00	-18.97	AV

Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	56.02	-13.16	42.86	68.20	-25.34	PK
V	5150.00	57.34	-13.16	44.18	68.20	-24.02	PK
Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	45.07	-13.16	31.91	54.00	-22.09	AV
V	5150.00	47.19	-13.16	34.03	54.00	-19.97	AV
Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	54.41	-12.62	41.79	68.20	-26.41	PK
V	5350.00	59.34	-12.62	46.72	68.20	-21.48	PK
Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	48.13	-12.62	35.51	54.00	-18.49	AV
V	5350.00	49.02	-12.62	36.40	54.00	-17.60	AV

Band2

Mode:		802.11a		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	54.05	-13.16	40.89	68.20	-27.31	PK
V	5150.00	55.10	-13.16	41.94	68.20	-26.26	PK
Mode:		802.11a		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	44.24	-13.16	31.08	54.00	-22.92	AV
V	5150.00	47.07	-13.16	33.91	54.00	-20.09	AV
Mode:		802.11a		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	57.24	-12.62	44.62	68.20	-23.58	PK
V	5350.00	58.60	-12.62	45.98	68.20	-22.22	PK
Mode:		802.11a		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	47.05	-12.62	34.43	54.00	-19.57	AV
V	5350.00	47.66	-12.62	35.04	54.00	-18.96	AV

Mode:		802.11n(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	55.43	-13.16	42.27	68.20	-25.93	PK
V	5150.00	55.67	-13.16	42.51	68.20	-25.69	PK
Mode:		802.11n(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	46.90	-13.16	33.74	54.00	-20.26	AV
V	5150.00	48.00	-13.16	34.84	54.00	-19.16	AV
Mode:		802.11n(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	56.64	-12.62	44.02	68.20	-24.18	PK
V	5350.00	58.11	-12.62	45.49	68.20	-22.71	PK
Mode:		802.11n(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	44.90	-12.62	32.28	54.00	-21.72	AV
V	5350.00	47.56	-12.62	34.94	54.00	-19.06	AV

Mode:		802.11ac(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	56.29	-13.16	43.13	68.20	-25.07	PK
V	5150.00	55.94	-13.16	42.78	68.20	-25.42	PK
Mode:		802.11ac(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	46.65	-13.16	33.49	54.00	-20.51	AV
V	5150.00	47.46	-13.16	34.30	54.00	-19.70	AV
Mode:		802.11ac(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	53.68	-12.62	41.06	68.20	-27.14	PK
V	5350.00	56.75	-12.62	44.13	68.20	-24.07	PK
Mode:		802.11ac(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	45.30	-12.62	32.68	54.00	-21.32	AV
V	5350.00	48.92	-12.62	36.30	54.00	-17.70	AV

Mode:		802.11n(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	56.22	-13.16	43.06	68.20	-25.14	PK
V	5150.00	54.75	-13.16	41.59	68.20	-26.61	PK
Mode:		802.11n(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	44.38	-13.16	31.22	54.00	-22.78	AV
V	5150.00	48.65	-13.16	35.49	54.00	-18.51	AV
Mode:		802.11n(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	55.86	-12.62	43.24	68.20	-24.96	PK
V	5350.00	60.10	-12.62	47.48	68.20	-20.72	PK
Mode:		802.11n(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	47.38	-12.62	34.76	54.00	-19.24	AV
V	5350.00	49.71	-12.62	37.09	54.00	-16.91	AV

Mode:		802.11ac(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	54.97	-13.16	41.81	68.20	-26.39	PK
V	5150.00	55.72	-13.16	42.56	68.20	-25.64	PK
Mode:		802.11ac(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	45.83	-13.16	32.67	54.00	-21.33	AV
V	5150.00	48.97	-13.16	35.81	54.00	-18.19	AV
Mode:		802.11ac(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	55.56	-12.62	42.94	68.20	-25.26	PK
V	5350.00	58.27	-12.62	45.65	68.20	-22.55	PK
Mode:		802.11ac(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	47.66	-12.62	35.04	54.00	-18.96	AV
V	5350.00	46.91	-12.62	34.29	54.00	-19.71	AV

Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	55.28	-13.16	42.12	68.20	-26.08	PK
V	5150.00	57.60	-13.16	44.44	68.20	-23.76	PK
Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	45.62	-13.16	32.46	54.00	-21.54	AV
V	5150.00	46.33	-13.16	33.17	54.00	-20.83	AV
Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	55.82	-12.62	43.20	68.20	-25.00	PK
V	5350.00	59.27	-12.62	46.65	68.20	-21.55	PK
Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	47.46	-12.62	34.84	54.00	-19.16	AV
V	5350.00	47.63	-12.62	35.01	54.00	-18.99	AV

Band3

Mode:		802.11a		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	55.23	-12.29	42.94	68.20	-25.26	PK
V	5470.00	58.56	-12.29	46.27	68.20	-21.93	PK
Mode:		802.11a		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	47.14	-12.29	34.85	54.00	-19.15	AV
V	5470.00	47.35	-12.29	35.06	54.00	-18.94	AV
Mode:		802.11a		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	56.15	-11.60	44.55	68.20	-23.65	PK
V	5725.00	55.44	-11.60	43.84	68.20	-24.36	PK
Mode:		802.11a		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	48.07	-11.60	36.47	54.00	-17.53	AV
V	5725.00	45.61	-11.60	34.01	54.00	-19.99	AV

Mode:		802.11n(HT20)		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	53.72	-12.29	41.43	68.20	-26.77	PK
V	5470.00	56.20	-12.29	43.91	68.20	-24.29	PK
Mode:		802.11n(HT20)		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	47.68	-12.29	35.39	54.00	-18.61	AV
V	5470.00	48.09	-12.29	35.80	54.00	-18.20	AV
Mode:		802.11n(HT20)		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	53.67	-11.60	42.07	68.20	-26.13	PK
V	5725.00	57.19	-11.60	45.59	68.20	-22.61	PK
Mode:		802.11n(HT20)		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	46.84	-11.60	35.24	54.00	-18.76	AV
V	5725.00	47.30	-11.60	35.70	54.00	-18.30	AV